



**Catalog
JUNE
2021**

PROVISION-ISR

**Professional
Security
Providers**

PROVISION-ISR

Catalog June 2021

Index

• Provision-ISR	pag. 2	• POE Switch 10/100 MBPS	pag. 63
• Knowledge sharing	pag. 4	• POE Switch giga 10/100/1000 MBPS	pag. 64
• Cyber security	pag. 5	• POE Accessories	pag. 65
• OSSIA O.S.	pag. 6	• HD PRO V2 2MP	pag. 70
• OSSIA VMS	pag. 12	• HD PRO V2 5MP	pag. 71
• SHOB	pag. 16	• HD PRO V2 8MP	pag. 73
• IP Manager	pag. 20	• HD ULTRA V2 2MP	pag. 75
• Provision Cam2	pag. 22	• HD SIRIUS 2MP	pag. 77
• Pixel-Based and AI-Based Video Analytics	pag. 27	• HD Special	pag. 78
• DDA Video Analytics	pag. 28	• HD PTZ	pag. 80
• Face recognition	pag. 30	• DVR 2MP Lite	pag. 82
• LPR	pag. 32	• DVR 5MP Lite	pag. 83
• IP S-Sight V2 2MP	pag. 39	• DVR 8MP Lite	pag. 85
• S-Sight V2 4MP	pag. 42	• DVR 8MP PRO	pag. 86
• IP S-Sight V2 8MP	pag. 44	• Alarm box and video server	pag. 88
• IP Eye-Sight V2 2MP	pag. 46	• HDMI Accessories	pag. 89
• IP Eye-Sight V2 4MP	pag. 48	• Balun	pag. 90
• IP Eye-Sight V2 8MP	pag. 50	• Connectos	pag. 90
• IP Smart-Sight V2 LPR 2MP	pag. 52	• Test Monitor	pag. 91
• IP Special	pag. 54	• Monitor	pag. 91
• IP PTZ/Speed Dome	pag. 56	• Power supply	pag. 92
• NVR 4/8 CH	pag. 59	• Keyboards	pag. 93
• NVR 8/16 CH	pag. 60	• Lens	pag. 93
• NVR 32/64/128 CH	pag. 61	• Brackets and junction boxes	pag. 94
• High power POE Switch 10/100/1000 MBPS	pag. 63	• OSSIA VMS dedicated hardware	pag. 99



Provision-ISR:

Israeli know-how and reliability

Israel's primacy in the security market is a globally recognized factor. Since it was formed, the geopolitical tensions that have affected the country have pushed the industry to invest in emergency management, cybersecurity, intelligence, and critical infrastructure protection. All this allowed security manufacturers to gain unparalleled expertise and a worldwide reputation for developing leading-edge security solutions.

Provision-ISR

Key strenghts



Brand philosophy

Provision-ISR's philosophy focuses on both the importance of human capital and the respect of any business relationship. When it comes to business partners, our professional ethics guide us to protect all the members in the supply chain: from the big distributor to the small installer, while respecting the unique contribution of each one. The company is growing fast, but we are proud to keep our core values of a long partnership built on friendship and co-working.



Logistics and global distribution

Three Logistics warehouses, strategically located in China, the Netherlands and Panama allow Provision-ISR to reach any market in the world guaranteeing a fast and efficient global distribution. Today more than 40 countries through a wide network of official exclusive distributors, who are working as partners to promote and distribute the brand in their regions.



Designing process

Founded in 2007, the Israeli company PROVISION-ISR has been responding to the diversified demands of the market, becoming one of the fastest-growing CCTV Brands in the world. Our CCTV devices and software design by a highly skilled team of engineers at the R&D department located in Kfar Saba are striving to develop "intelligent" and advanced solutions while keeping the user interface intuitive and straightforward.



Knowledge sharing

In today's CCTV market, where products and technologies change every few months, knowledge is the keyword. Our technical specialists release how-to tutorials every time a new solution has launched to the market. Technical webinars are scheduled periodically to update Provision-ISR partners about product upgrades or new features. Last but not least, Provision-ISR roadshows, seminars, training sessions, and workshops take place all over the world in support of distributors, sub-distributors, and installers.



Product range

Provision-ISR range of products includes high-quality IP and HD cameras, sophisticated recording machines and a complete range of reliable accessories specifically designed for the CCTV market. In addition, Provision-ISR engineers gained unparalleled expertise in developing leading-edge software solutions while keeping their interface simple and intuitive.



Attention to vertical markets

Nowadays, a wider variety of vertical markets show an increasing need for video surveillance, and security manufacturers must provide high-performance technologies at a very competitive price. Provision-ISR can accomplish this requirement thanks to a comprehensive product suite including high-definition analog cameras, affordably priced IP with advanced analytics functions, and cutting-edge software solutions.



Provision-isr international projects

Hospitals, shopping centers, industrial complexes, hotels, sports facilities, residential areas, museums, historical buildings: Provision-ISR CCTV solutions are developed to fulfill any security requirement. Through the years, the Brand has gained the trust of the security market, and today the world can count thousands of projects branded by Provision-ISR.



Production facilities

While the designing process takes place in Israel, the production facilities are based in Shenzhen (China). This setup allows us to be extremely competitive in the market. Provision-ISR engineers select the best components available on the market and the quality control that follows the production processes allows us to reach the expected top-quality standards.

Knowledge sharing



The more we learn, the more we grow.

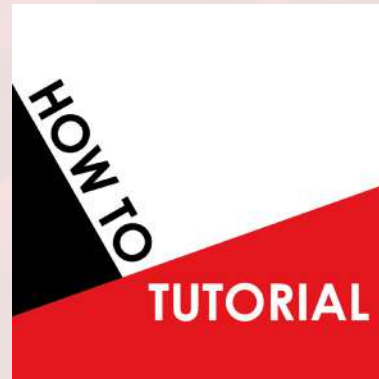
We created a "knowledge sharing" section within our website to update and familiarize yourself with our solutions constantly! General CCTV education, short clips showing how to do step-by-step, insight about Provision-ISR products or technologies, and a brand new "webinar library" dedicated to those who want to learn more about our solutions.

Enjoy your **FREE** learning experience!

Education



How-To Tutorial



Provision-ISR Solutions



Live webinars



Cyber Security

Make sure you feel secure.

“For organizations subject to the GDPR, there are two broad categories of compliance you need to understand: data protection and data privacy. Data protection means keeping data safe from unauthorized access. Data privacy means empowering your users to make their own decisions about who can process their data and for what purpose”. (gdpr.eu/data-privacy/)

In Provision-ISR's mind, both Data Protection and Data Privacy are “sacred.” Provision-ISR invested tremendous resources during the past few months and developed dozens of new mechanisms and algorithms to keep your data safe.

OSSIA version 1.4.1 and up includes:

- Connection via secured P2P Cloud services
- Encrypted password recovery mechanism
- Black/White Lists
- User authority management
- Auto logout
- Telnet port closing
- Ability to disable video when logged out
- Password strength indicator
- Default password prompt
- Enhanced protection against password generators
- HTTPS Secure protocol
- 802.X Security protocol
- Cloud update service for auto update
- Config files encryption
- HDD data encryption

- Video backup Encryption
- Detailed User Privacy Statement
- Mandatory password change
- SDK/API server
- 6 Months detailed system log
- Individual channel recording time expiration
- Secured RS-232 connection
- Choose the password strength to be demanded by the device as a default
- Possibility to set password expiration time

From Ossia v1.4.5 and up:

- Login verification encryption algorithm is updated to SHA512
- The devices now have a single “owner” via the Provision Cam2 app
Only he can share and remove authorized users from using the app

Take control. Do it now.

Ossia is the latest OS for Provision-ISR's DVR/NVR systems. It is one of the most innovative operating systems available in the market. It offers full compatibility with all Provision-ISR IP cameras with complete control over all main features. Moreover, it provides the user with all the necessary tools to complete the system's utilization while keeping things simple and intuitive. The firmware is based on the most advanced SOC technology and boasts a new graphical user interface (GUI) simple to use, even in comparison to the previous version.



OSSIA O.S.

Operating system

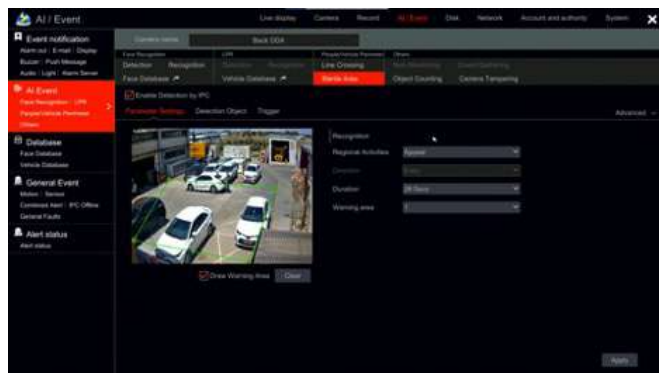
OSSIA O.S Operating system



MAIN FEATURES

- H.265 Encoding Support*
- Manual Alarm Output
- Up to 8MP Support*
- 4K (Ultra HD) Support*
- Full Analytics Support
- Enhanced Security Features
- Advanced Network Protocols (QoS, 801.X, HTTPS support , Etc...)
- Scheduled Push Notifications
- E-mail Notifications
- VMS Feature*
- SNMP Protocol
- Analytics for analog DVR*
- Fisheye support (only 2 MP NVRs)
- Face recognition support (only "F" series NVRs)

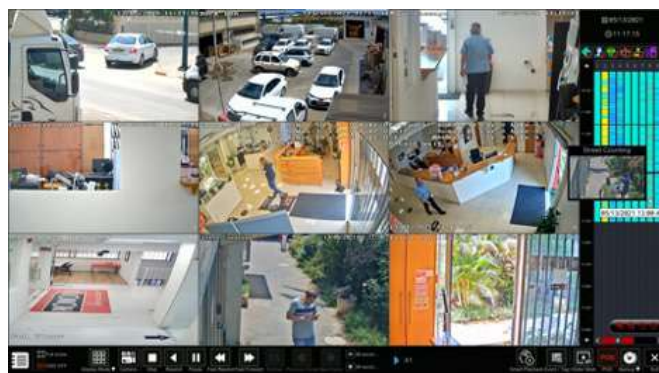
- Dual IP configuration
- PoS (Point of sale)
- Support HDD Hibernation and encryption
- 4k output upgraded to 60Hz
- All IPC analytic supported by NVR such as people counting
- HFR (High Frame Rate)*
- Improved Face Interfaces
- Advanced Analytics support (DDA Object Detection)
- Improved Face Recognition Interface
- New intuitive Interface for DDA Analytic settings
- LPR (License Plate Recognition) Camera support
- Scheduled Email Statistics from Object counting channels
- USB Flash disk NTFS support
- Emails triggered by AI events will include the snapshot images.



SMART CONFIGURATION

- Advanced HDD Management
- Double Stream Recording
- Situation Dependent Recording
- Default Username/Password Configuration
- RTSP Input configuration
- Dynamic Hybrid*
- Cloud upgrading
- Channel input from other devices get alarms status (FW 1.3.3)
- CCTV mode on PoE NVR
- Independent HDMI and VGA output settings NVR only

- Alarm out name modification
- Limit recording time per channel
- Master/Sub/Dual Stream record selection
- Audio output settings
- API Server
- Auto Tracking Configuration (For the coming PTZ line)
- Full IPv6 Support
- Local alarm output NO/NC configuration
- Added colors for POS input
- UDP / Multicast POS support



SEARCH PLAYBACK AND BACKUP

- New and Intuitive "Picture Slice Search"
- Instant "Sub-Stream" Playback
- One Click Backup
- Smart Time-Bar View and Control
- Multiple Backup Tasks
- FTP Backup
- Smart search*

- RAID function (only NVRs 64/128CH)
- Log improvements such as - 6 month, Operator IP address
- Encrypted video backup
- Live view of captured license plates
- Search for a specific license plate
- Small video window when pointing to the Time-Bar

* only supported model

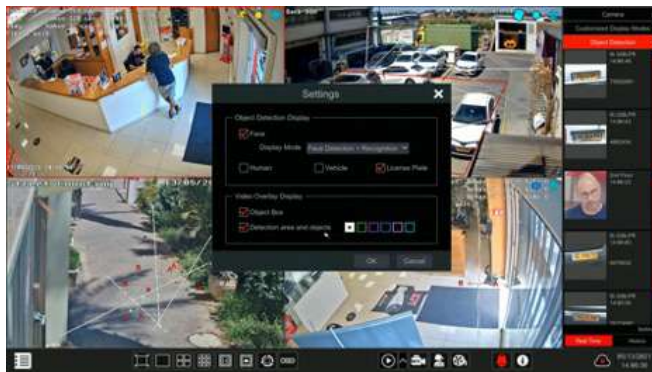
OSSIA O.S Operating system



WEB CLIENT INTERFACE

- New and Intuitive Design
- Full Configuration Capabilities
- Remote Playback with Time-Bar
- Real-time Sub-stream Configuration
- Multiple Configuration Sessions
- Full PTZ Control
- Two-Way Audio
- Cloud live backup and configuration

- Upgrading through web client
- Full analytic search capabilities
- “Plug-in free” web-client supporting Chrome, Firefox, Edge, Safari, Etc.
- RAID Configuration Support
- Enhanced web-client with Object detection, Customized display modes and In-channel Sequence



INTUITIVE OPERATIONS

- One-Click Manual Record
- One-Click Alarm/Relay Output
- Camera Layout Presets
- 3D PTZ Operation
- Definable Instant Playback

- Audio Control
- Corridor mode*
- Quickly cancel unwanted pop-ups
- Improved Wizard interface
- Long Right-Click on the mouse to change resolution



IN-CHANNEL OPERATIONS

- Playback
- Sequence*
- Digital Zoom

- PTZ Operations
- Improved Fish-Eye Interface

* only supported model

OSSIA O.S. 1.4.5

New Features



HTML Video Streaming:

Starting with this version, the notorious plug-in is no longer needed. You no longer need to use IE! Feel free to choose any major internet browser in its latest version (Chrome, Firefox, Safari Etc.)

(Using Fish-Eye cameras will still require IE with plug-in since HTML video cannot perform dewarping).

The screenshot displays the Provision-ISR web interface. At the top, the logo 'PROVISION ISR' is visible on the left, and 'admin | Logout | Modify password' is on the right. Below the logo, there are navigation tabs: 'Live display' (highlighted), 'Playback', 'Search and Backup', 'Intelligent Analysis', and 'Function panel'. The main area shows a live video stream of a street scene with a timestamp '28/04/2021 15:48:35'. On the left side, there is a 'Camera (8/8)' panel with a search bar and a list of camera names: '16320LPR', 'IPCamera', 'MZ-25IPE-4(IR)', 'Front Door Face', 'Street Counting', 'Back Counting', 'Front Counting', and 'Office DDA'. On the right side, there is an 'Object Detection' panel showing a list of detected objects with their bounding boxes, timestamps, and labels: 'Office DDA 15:48:34 Human', '16320LPR 15:48:27 36952202 Unrecognized ...', '16320LPR 15:48:22 4239961 Unrecognized ...', and 'Back Counting 15:47:57 Object Counting Human'. At the bottom right, there are buttons for 'Real Time' and 'History'.

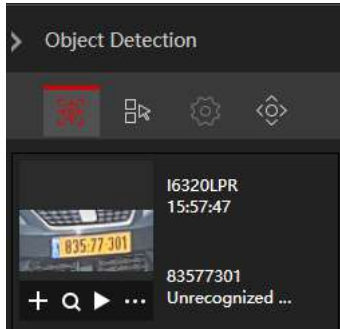
OSSIA O.S. 1.4.5

New Features

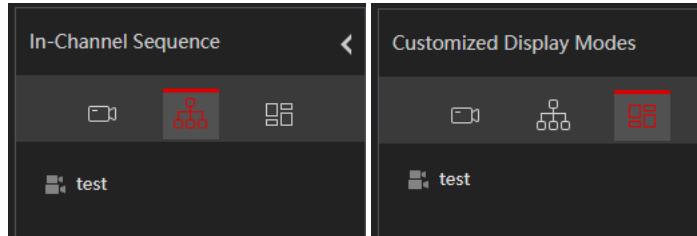
Improved remote Web-Client:

The lack of the Plug-in has “unleashed” the capabilities of the web client. The new web client now features the following improvements:

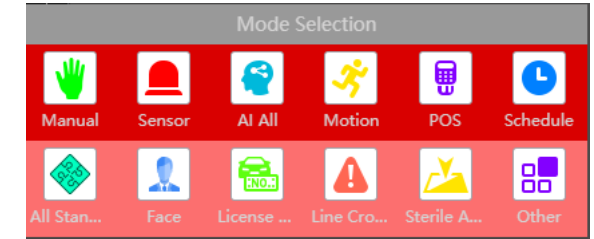
A) Fully functional analytics bar (similar to the local interface) from which the user can search, playback, and add objects to the databases.



B) “In-channel sequences” and “Customized display modes” that were initially created in the local interface are now available on the remote web client as well.



C) Playback can now search “Advanced Analytics.”



P2P Secured connection to the Provision Cam2 mobile App (v1.8.0):

Starting from v1.4.5 there could be only one device owner (Admin). The device owner will be the only one able to share the device with others, so he will have complete control of who can connect to the device using the Mobile App.



ONVIF G/T Support (v1.4.6):

This version is ONVIF compatible, meaning that you can connect the NVRs to professional VMS that supports ONVIF protocol and get live view, alarms, audio and playback.



OSSIA O.S. 1.4.5

New Features

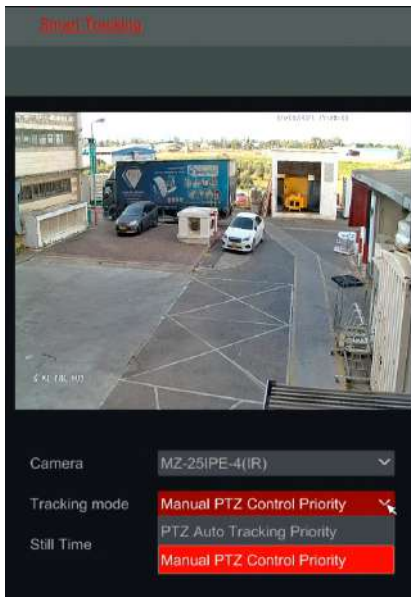
Alarm out mode selection:

From now on, the user can choose if the NVR integral alarm out will work in NC or NO mode.

No.	Name	Delay	Schedule	Type	Test
Local-1	AlarmOut1	10 Secs	24x7	NO	
Local-2	AlarmOut2	10 Secs	24x7	NO	
Local-3	AlarmOut3	10 Secs	24x7	NO	Test
Local-4	AlarmOut4	10 Secs	24x7	NO	Test

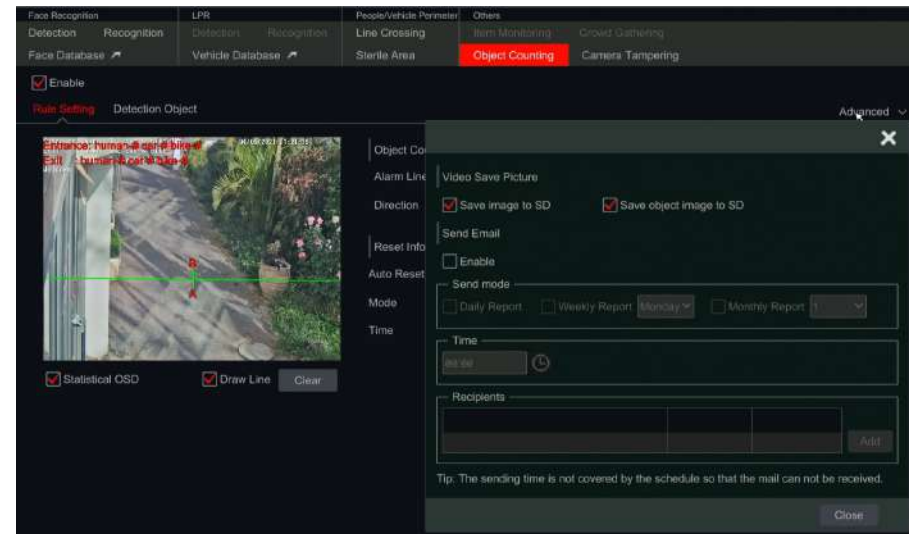
New PTZ Series Support:

V1.4.5 will support the new features offered by our new PTZ line, such as DDA auto-tracking.



Scheduled Object Counting report:

Object counting channels can now send daily/weekly/monthly reports of the counting statistics.



Feature-rich capabilities for large scale video surveillance

Ossia VMS is an advanced and reliable Video Management Software specifically designed for CCTV systems featuring multiple devices controlled from a single reliable platform.

When it comes to managing large-scale video surveillance networks, many organizations lack the required knowledge. Maintaining reliable actions can become complex, and this can result in compromised or inefficient operations.

Provision-ISR OSSIA VMS helps you overcome any problem.

Centralized monitoring across bank branches, campus facilities, chain stores, or industrial complexes - provides operators with at-a-glance verification of incidents and management of multiple cameras through real-time floor plans and intelligent mapping features.

Ossia VMS solution provides a flexible operational approach for operators and manned guarding teams. With its unique and tailored features, the platform enables a rapid and decisive response to any incident.



OSSIA VMS

Video Management software

OSSIA VMS

Standard and Enterprise version

Main features

- Remote device settings and logs
- Complete live view, including Fish-Eye & PTZ Control, Instant Playback, Audio and Stream Control
- Playback view based on time-slice image, events, or tags.
- E-map monitoring
- Face detection and face search capabilities
- Object counting capabilities (Human, 2-wheeled vehicles, and 4-wheeled vehicles)

OSSIA VMS - STANDARD VERSION

Ossia VMS STANDARD supports up to **256** cameras, and it is a license-free platform.

It works as a standalone system where the computer hardware (or software) provides itself with all the required data.

Ossia VMS features powerful video monitoring capabilities such as real-time preview, centralized recording, local and remote playback, backup, alarm linkage, TV wall, keyboard control, and more.

OSSIA VMS - ENTERPRISE VERSION

Ossia VMS ENTERPRISE supports up to **3.000** cameras, and it is a license-based platform.

It works as a server-client system where the computer hardware or software serves as a client and must be connected to a server to work correctly.

Ossia VMS Enterprise holds all the capabilities of Provision-ISR VMS Standard. However, thanks to its server/client working method, it can be widely used in large-scale video surveillance projects.

Application examples



Monitoring the number of visitors in a Bar



Tracking a suspicious individual's movement within a shopping center



Allowing staff members to automatically access their workplace

OSSIA VMS Main features

Main interface - Live view

Complete live view control including Fish-Eye Support, PTZ Control, Instant Playback, Audio, Stream Control.



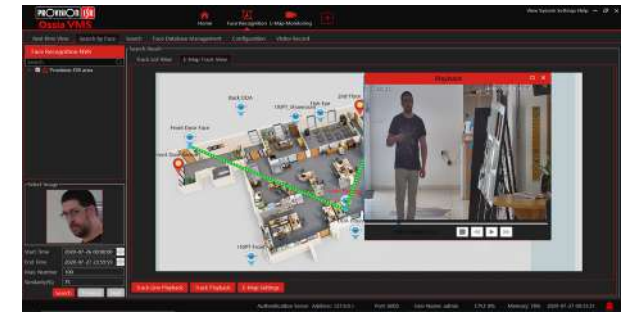
Main interface - E-Map monitoring

The user can set the needed monitoring points within an E-Map and see them with a click. E-Map allows monitoring by managed hierarchy.



Main interface - Face detection

The VMS is fully compatible with Provision-ISR face detection devices. The connected devices perform face detection, search, and playback.



Main interface - Playback view

The playback (from device or server) is based on time-slice image, event, or tag (synchronized and unsynchronized).



Alarm view

It's possible to use a dedicated screen for alarm pop-ups. Each alarm event can trigger a pop-up according to the user's preferences.



Decoding by dedicated HW

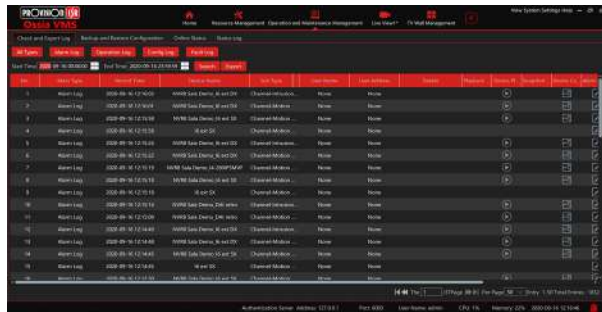
Viewing a lot of cameras and having a lot of screens require costly resources. By performing decoding tasks on multiple monitors, Provision-ISR decoders save the user from purchasing expensive computer hardware.



OSSIA VMS Main features

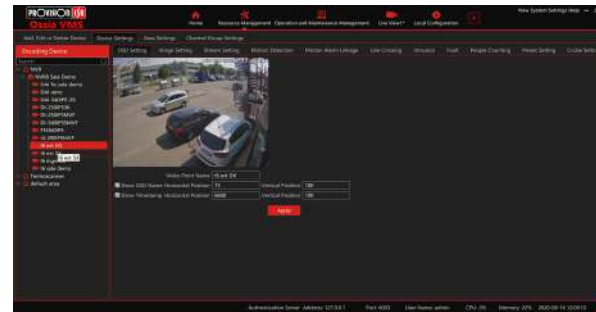
System Log

The user can check his device logs remotely using the Ossia VMS. The logs can be categorized and easily exported to the user's computer.



Remote settings

The user can set up his devices remotely using the interactive interface. The settings options will change according to the type of chosen device.



System health monitor

The system health monitor allows the user to see both system and connected devices' status visually. It shows connectivity, alarm status, number of channels, and more. The user can even connect to the device's web client directly.



Remote clients*

The user can connect remotely to the platform by Provision VMS mobile APP or web-client and monitor his sites or configure the server* (*Web-Client - on selected devices).



* Enterprise version

SHOB

Security management platform

Provision-ISR SHOB is a prodigious security management platform that includes a parking management module allowing the user to exercise complete control over the monitored parking areas, from the automated entry of vehicles with registered number plates to the easy registration of visitors in a given time.



The ultimate parking management experience.



SHOB

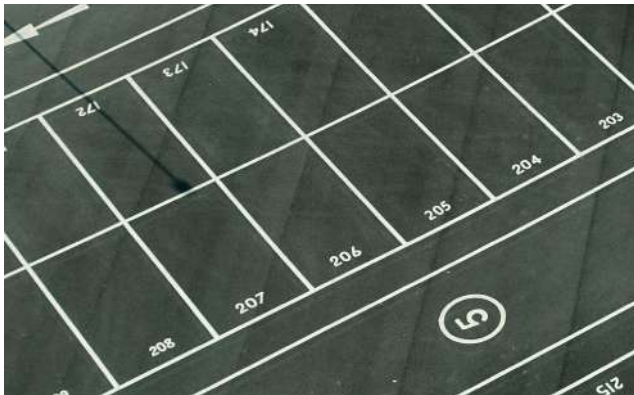
Parking management software

When the “SHOB” Security Management Platform meets Provision-ISR LPR cameras, the whole story can be told: the cameras detect and recognize a vehicle license plate and send the information to the “Shob” platform for parking and access management. The user can exercise complete control over the monitored parking areas and efficiently manage various access criteria.

Main features

- Automated entry of vehicles with registered number plates.
- Storage of all incoming/outgoing car images and plate numbers.
- Central registration of authorized vehicles or disabled users.
- Blacklist warning when an unwanted car appears at the gate.
- Easy registration of visitor's vehicles for a given time.
- Manual gate opening option from the controller PC.

Application examples



Optimizing corporate parking lots by sharing spaces between employees.

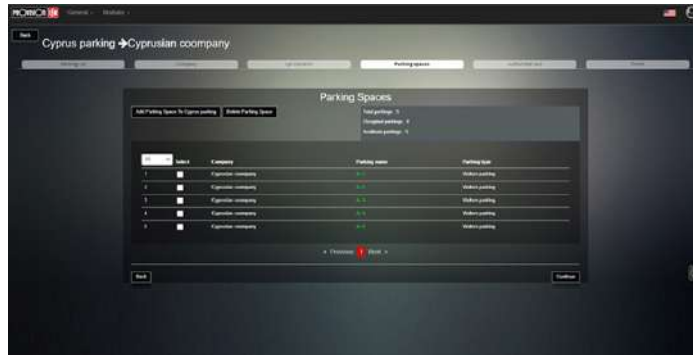


Managing visitors permit in hotels or residential complexes.



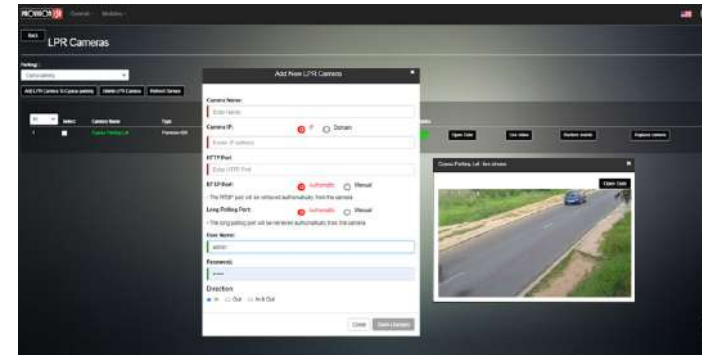
Managing car park occupancy

SHOB Main features



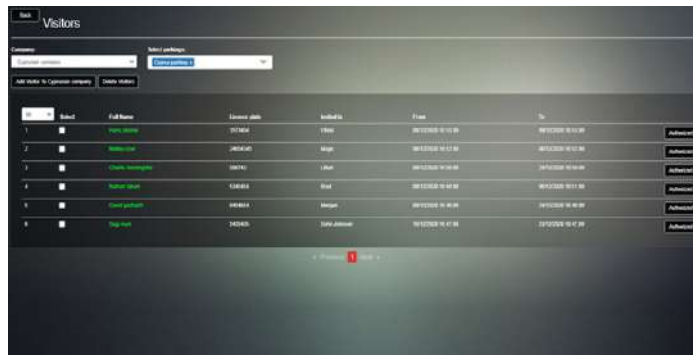
LPR quick setup

- Create a parking lot
- Assign the parking lot to one or more companies
- Add LPR cameras to the parking lot
- Add parking spaces
- Add authorized cars



LPR cameras

- Add/remove LPR cameras
- Replace an LPR camera (one click to get it back in action!)
- Play live video
- Open the gate manually
- Restore events (data is taken from the SD card)



Visitors

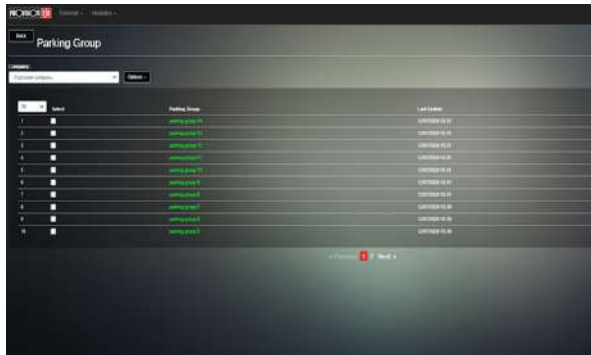
- Add visitors' details (license plate, name, surname, phone number etc.)
- Select the date and time in which you want to reserve the parking space for the visitor.
- Add inviter details (company name, parking group etc.)



Monitoring and control

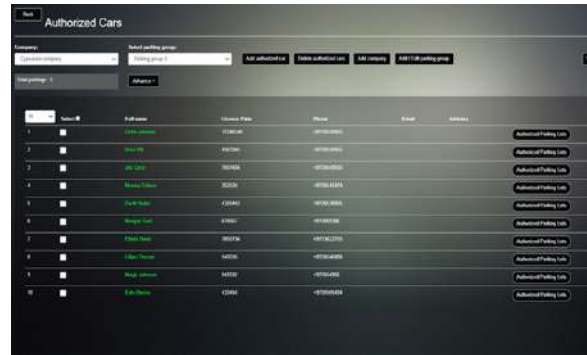
- Get basic information (Company name, Driver name, Camera Location)
- Get event list: authorized car / unauthorized car (unknown)/ blacklist/ parking full / Events received from SD card after connection loss
- Play live video
- Open gate manually
- Check parking lot status

SHOB Main features



Parking groups

- Choose a company from your companies list
- Add a parking group under the selected company
- Delete the parking group whenever you want



Authorized cars

- Add/remove authorized cars
- Add companies owning parking spaces
- Create parking groups



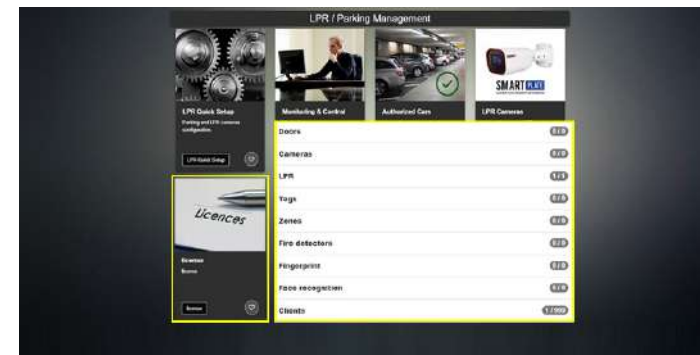
Parking spaces

- Choose a company from your companies list
- Add a specific number of parking spaces under the selected company
- Reserve parking spaces for your employees or visitors
- Delete the parking spaces whenever you want



Blacklists

- Add / remove blocked vehicles (the user will be able to add blocked vehicles to multiple parking lots)



Licenses

- Get real time status of your acquired licenses

Quick IP search, fast device configuration.

Provision-ISR's IP manager is a free PC software that can detect all NVRs, DVRs, and IP cameras in the local network. Quickly track and manage your IPs and configure your devices with a few simple steps, all from a single PC software.

IP MANAGER
Software

Provision-ISR IP Manager

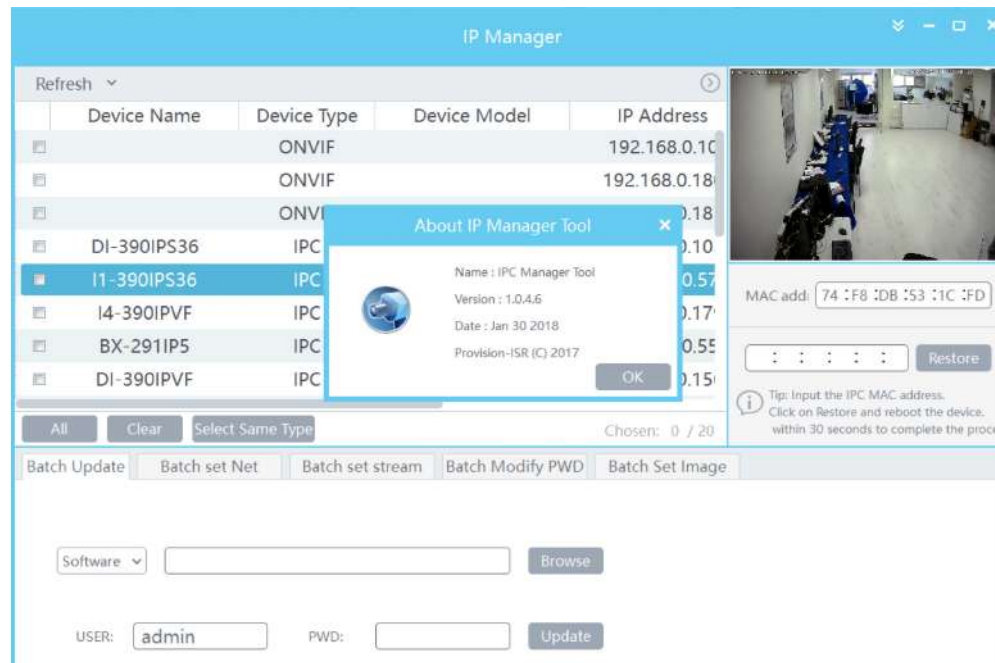
Provision-ISR's IP manager detects Provision-ISR devices and different ONVIF cameras from third parties.

The tool offers a live preview of the selected Provision-ISR camera and shows all the information needed by the user (Configurable).

The IP manager also allows single/batch camera configuration, including complete network parameters setting, firmware update, password settings, picture settings, stream settings, and PTZ password reset.

Main features

- Update IPC software/kernel directly from the tool
- Configure network settings for one or more IP cameras
- Set the video stream of the camera when it serves as a standalone (only cameras with v 3.4.2.1 and up will support this feature)
- Quickly set all the picture parameters (3D-DNR, Mirror, Flip, IR, Etc.)
- Secure your site: change the password of all IPCs in just one click.
- Reset the camera directly through the tool (additional actions will be required for security reasons).



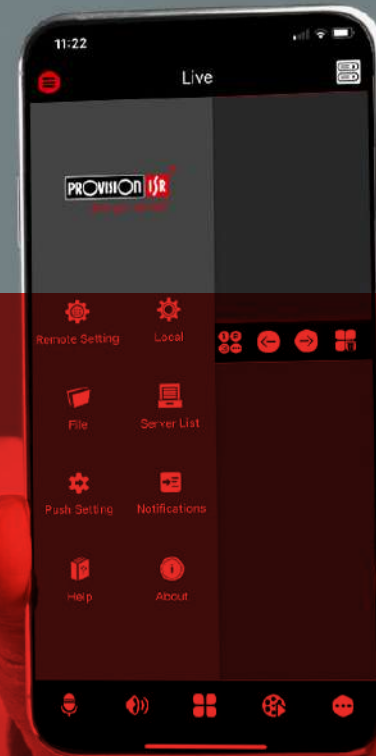


PROVISION CAM2

Mobile APP

The app you have always dreamt of is in the pocket of your jeans.

Provision Cam2 is a free application for iOS & Android devices, offering the users complete control over their devices, including live view, playback, and settings. It is compatible with all Provision-ISR NVRs, DVRs, and static IP Cameras. It is secured against unauthorized access, is user-friendly and intuitive for all users.



Provision CAM 2 Mobile APP



Your 5 star reviews



"I am an installer of video surveillance devices and dozens of Apps have passed under these two eyes. For its simplicity and completeness I include Provision Cam 2 among the best CCTV apps available on the market today."
ALEX



"I recently replaced my old CCTV system with a new Provision-ISR IP. The quality of the images is excellent and the ability to receive an alert through this App every time the camera detects Humans makes me sleep more peacefully!"
SHAYA



"I downloaded the App to remotely manage the 8 IP cameras that I have installed in my company. The images are sharp and stable. Recommended!"
MICHAEL

Keep an eye on both your belongings and beloved



Home safety



Business monitoring



Shop surveillance

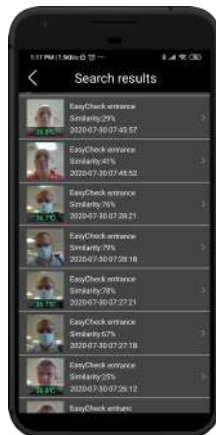
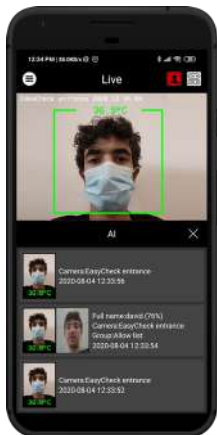
Provision CAM 2 Mobile APP



EXERCISE YOUR FREEDOM OF CHOICE Provision-ISR APP allows you to choose what's best for you!

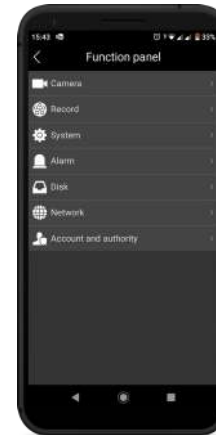
You can choose:

- the kind of view you will get when you open the APP (just a specific device, a favorite group of channels, the last viewed layout)
- what happens when you open a push notification (live channel view, playback point of the event, etc.)
- the live view channel display mode (number or name)
- what kind of playback events will be showed (all, motion, sensors, analytics)
- your desired view layout from 8 different view modes
- your video stream according to your network speed
- your playback up to 16 channels



EASY-CHECK SUPPORT

- Ability to see live captured people along with their temperature and recognition information.
- Ability to search for faces and see their captured temperature.



ALL YOU NEED IS APP

No need to access your device interface: all can be done from the Provision Cam2 APP!

- Set your devices directly through the APP with full configuration abilities as if you were actually at the installation site
- Add faces to your face database
- Backup recorded files
- Talk and listen to through supported devices
- Activate your alarms
- Search for installation sites with our new device search option
- Get cloud update push notifications and initiate them directly from your mobile!
- Choose who/what you are searching for (person or a vehicle) and get the related event in no time!
- Download the playback file (in MP4 format) to be played in any device



TOUCH GESTURE

Full control at your fingertips!

- Login password gesture
- Playback bar (pinch for zooming)
- PTZ and motorized lens control
- Drag & drop option to open device/channel live view
- Fisheye view

Provision CAM 2 Mobile APP



MIX AND MATCH

Feel free to view the way you want it!

- Visualize a mix of live-view channels from different devices worldwide on one screen and keep it as a favorite group
- Visualize a mix of playback channels from different devices around the world and play them back simultaneously



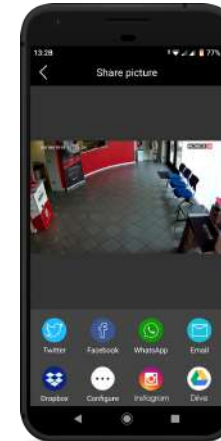
FISHEYE CAMERA

Enjoy the ultimate fisheye viewing experience!

- We drew inspiration from the latest gaming and smartphone technologies to offer you a unique "virtual trip"!
- Virtual reality - moving the phone in any direction will move the image accordingly!
- Virtual PTZ - zoom in/out and move inside the image for a full 360° view!
- Cylinder mode - get a 3D image and feel free to rotate and zoom the image with a swipe of a finger

IT'S ALL ABOUT SHARING

Share more by using any supported application on your smartphone!



- ProvisionCam2 APP allows you to share what you want through any application installed on your smartphone: WhatsApp, Facebook, WeChat, LinkedIn, Dropbox, E-mail, and much more!
- Share the QR code to allow your colleagues or family members to log in to your device easily
- Share snapshots or video clips from both live view and playbacks
- Did you come across a problem? Share the problem log with our engineers directly through the APP!

NOTIFY ME

Stay connected to your device and find out what's going on by getting a scheduled push notification!

- Motion/analytic/sensor event
- Channel/ device malfunctions
- HDD problem



FACE RECOGNITION

Bring the new face recognition experience to your smartphone!



- Why not use your smartphone to build your face database?
- You can capture faces directly from your APP instead of using your IP camera!
- Take snapshots of faces and add them to the database!
- Pick the face picture from your phone gallery and add them to the database!
- Search for a specific person by taking their picture directly using the APP or use the existing database

Provision Cam2 1.8.0 is coming soon

Every APP deserves a fresh start

Are you ready?

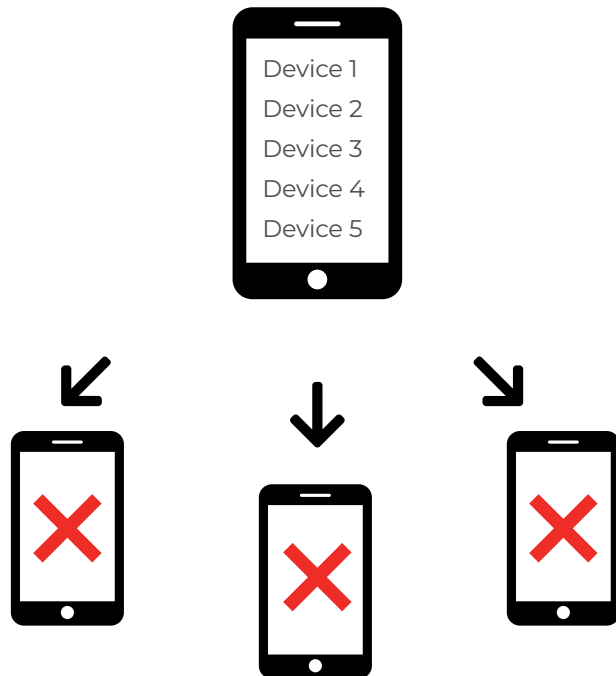
Provision CAM2 will switch from a “Standalone” application to a “User-based” application.

Users can register for the app and keep the list of the devices under their user name: If they will log into their account from a different smartphone, they will get all of their devices immediately on the new smartphone!

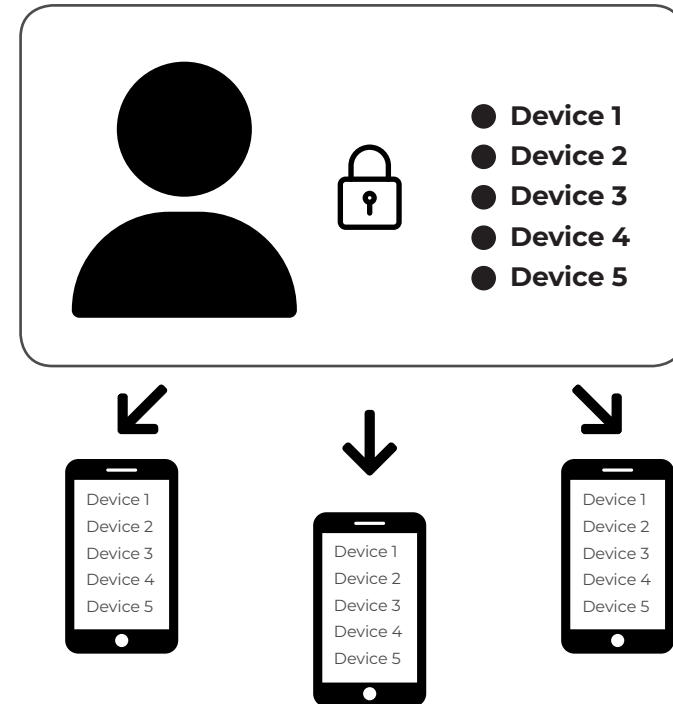
This change also allows binding a recording device to a single user: The device owner.

Only the device owner can share the device with other Provision Cam2 users, enhancing control and security over the recording devices.

Standalone application



User-based application



Introduction to Video Analytics

In Video Surveillance, the expression “Video Analytics” refers to catching the visual data streamed from network cameras and performing real-time event detection and post-event analysis.

However, when it comes to video analytics, we should consider the following main distinction:

Pixel Based video analytics

The pixel-based video analytics is known as “Video Motion Detection” (VMD).

The cameras supporting VMD detect pixel variations in their field of view and generate alarms regardless of the object type.

The downside of using VMD is that images can differ naturally throughout the day due to varying lighting conditions, image noise, or movement from trees.

These factors can generate annoying false alarms, which is why VMD technology is recommended for indoor installation only.



VS

AI Based Video Analytics

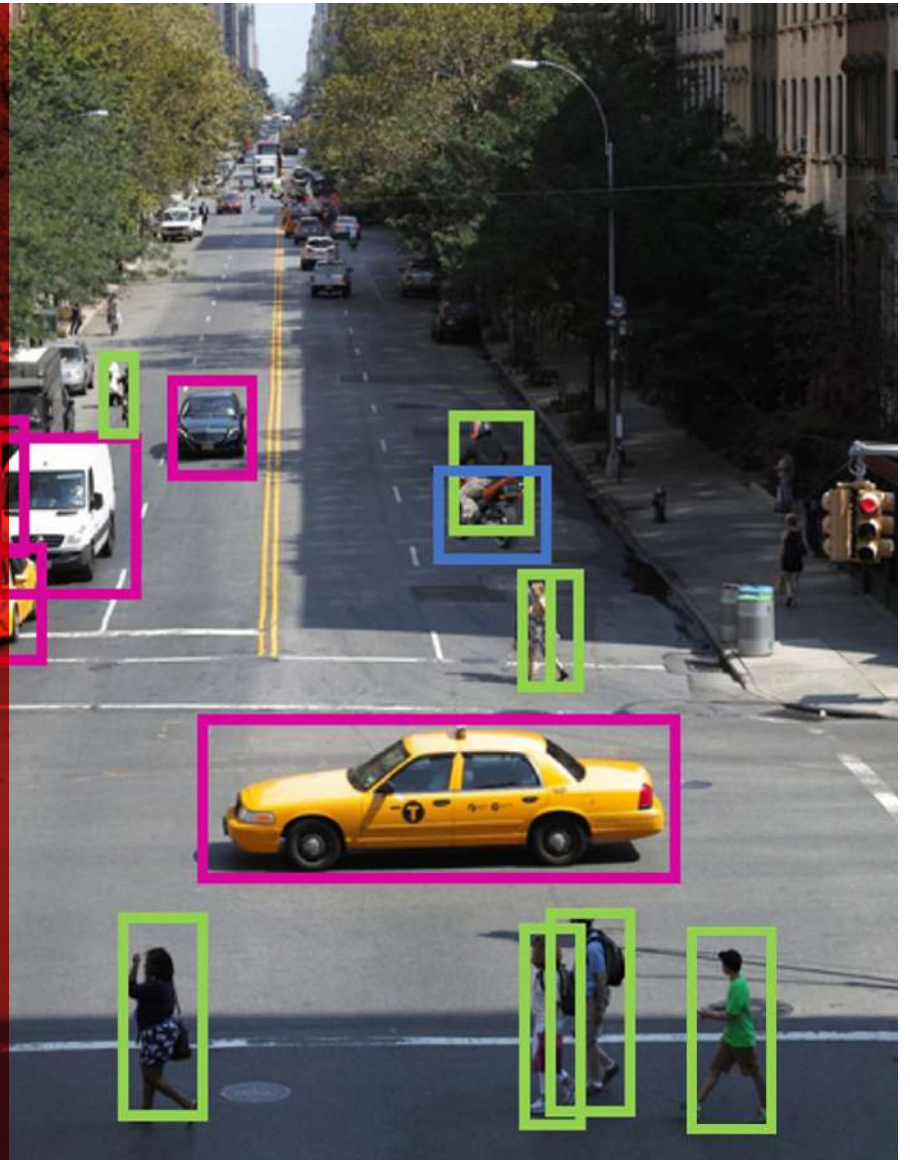
The A.I. is based on a series of algorithms that work as a series of questions that compare the seen object with thousands of stored reference images of objects in different angles, positions, and movements. The A.I. asks itself if the observed object moves like the reference images. If it is approximately the same size (height relative to width), has the characteristic two arms and two legs, moves with similar speed, and if it's vertical instead of horizontal. An overall ranking is derived from combining all the values from the various questions, which gives the A.I. the probability that the object is or isn't a human, a vehicle, or an object.



OBJECT RECOGNITION TECHNOLOGY

The end of false alarms.

Machine learning and, in particular, the rapid development of deep learning approaches have revolutionized video analytics. Object Recognition technology consists of using the “experience” gathered in data sets to recognize objects belonging to a particular type, based on specific characteristics typical for that type.

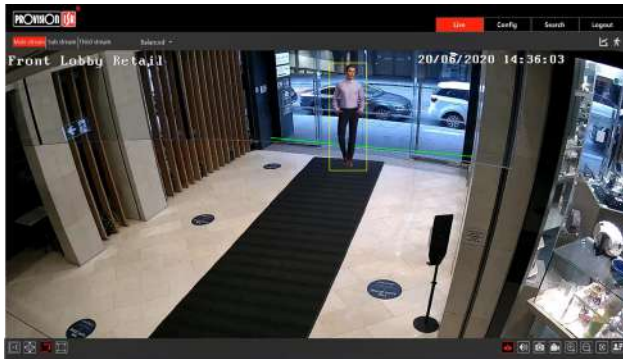


DDA Video Analytics

Detect. Distinguish. Alert.



Based on smart object recognition technology, DDA VIDEO ANALYTICS allows the system to distinguish between humans, 4-wheeled vehicles and 2-wheeled vehicles. Thanks to this technology, the system triggers alarms or sends push notifications only when the desired object is detected. Doing so reduces annoying false alarms caused by shadows, light changes, shaking trees or animals.

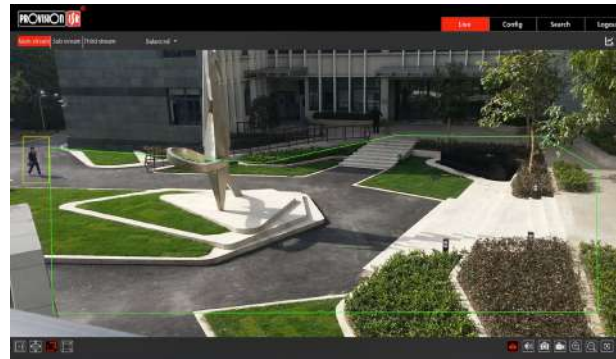


DDA - LINE CROSSING

The user draws a line in the scene and sets access permissions and the crossing direction. When the selected object (human, 2-wheeled vehicle, or 4-wheeled vehicle) crosses the line, the system will trigger an alarm.

APPLICATION EXAMPLES

- Perimeter protection
- Home/Office/Shop safety
- One-way street monitoring

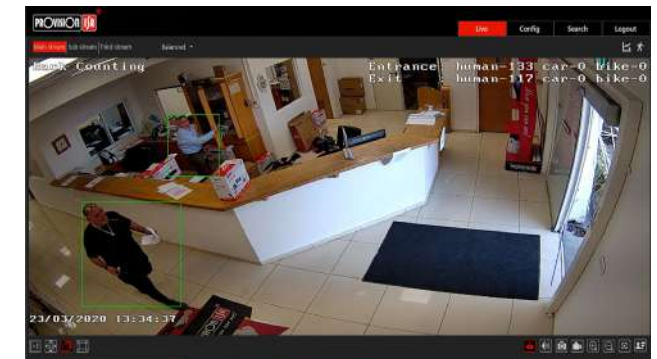


DDA - STERILE AREA

The user draws a virtual area in the scene and sets access permissions. When the selected object (human, 2-wheeled vehicle, or 4-wheeled vehicle) crosses the line, the system will trigger an alarm.

APPLICATION EXAMPLES

- Emergency exit surveillance
- Pedestrian areas monitoring
- Car dealership monitoring



DDA - OBJECT COUNTING

The user draws a line in the scene and sets access permissions and the crossing direction. The counting occurs when the selected object (human, 2-wheeled vehicle, or 4-wheeled vehicle) crosses the line.

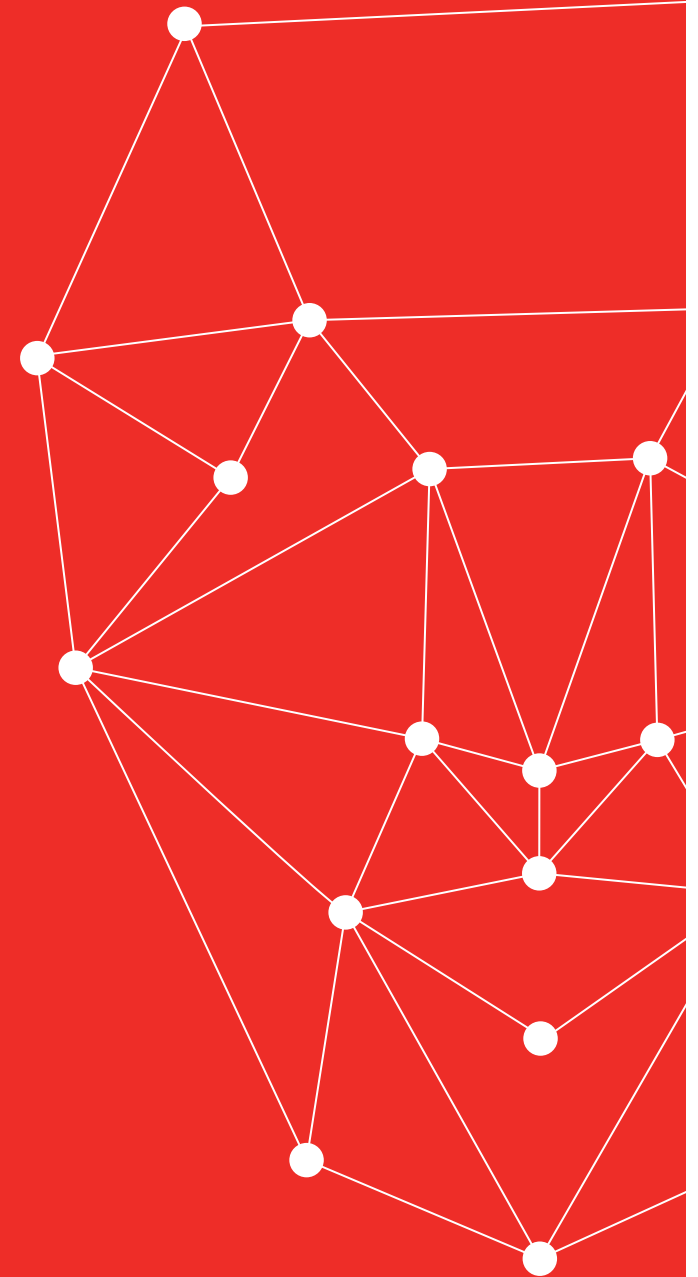
APPLICATION EXAMPLES

- Monitoring the maximum capacity of a building/area
- Vehicles' counting in public and private parking
- Visitors/customers counting for marketing purposes

FACE RECOGNITION TECHNOLOGY

**Even a poker face cannot fool us.
We know how to read it.**

Technology has brought verifying one's "true" individual identity into a reality in the last decade. This technology is based in a field called "biometrics." Thanks to biometrics, we can verify or recognize a person's identity based on physiological characteristics, such as facial features. Since biometric systems identify a person by biological markers, they are tough to falsify.





Provision-ISR Face recognition

Provision-ISR face recognition solutions allow any security manager to quickly identify unauthorized people within a plant and get an immediate notification.

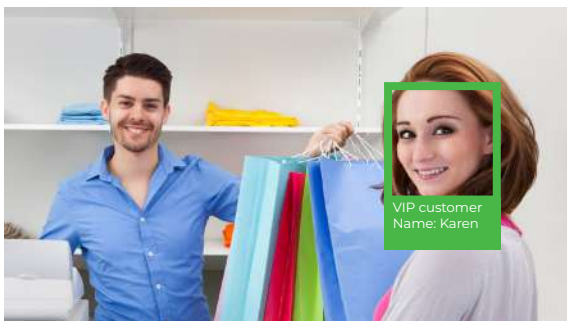
DYNAMIC FACE DETECTION (Camera Side)

A single camera can detect, trace and evaluate 5-10 faces simultaneously, depending on the scene conditions.

SEARCH OPTIONS

- Single person / group search
- Possibility to access all the events where a person was recognized.
- Possibility to search new and existing faces using Cam2 Mobile APP.
- Quick backup and playback data export.

Application examples



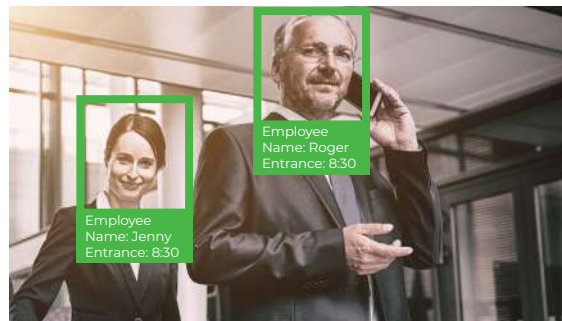
Face Greetings

FACE RECOGNITION (NVR Side)

The recognition rate reaches 98% if the distance between the pupils is higher than 20 pixels. The NVR face database can store a maximum of 10,000 face pictures. The NVR supports different triggers and responses upon detection.

TRACKING OPTIONS

After uploading an E-map and positioning all the related cameras over it, you will be able to search for a person. The system will show his track over the map by time order and play the related video playback.



Time & attendance

FACE DATABASE FLEXIBLE MANAGEMENT

- The database can be securely exported and imported to other devices.
- New faces can be added to the database through the Provision CAM2 Mobile APP.
- **Detected faces can be registered into the face database with a single click. The system will mark the more adequate faces for face recognition.**

RECOGNITION STATISTICS

The system offers the user a recognition statistic chart by day, week, month, quarter, or any customized period.



Automated access control

LICENSE PLATE RECOGNITION TECHNOLOGY

Improve safety and mobility.

As the world progresses and services become automated, there is a growing request for computerized systems in automotive-related areas such as gate control, city surveillance, and parking lot management. LPR (License Plate Recognition) is a game-changing technology that stands at the center of all these solutions.



VIDEO 
ANALYTICS

Provision-ISR License plate recognition



Provision-ISR technology is backed by over 3 years of LPR analytics research and development. The brand-new Smart Plate cameras can provide the best results in various environmental conditions. Low-light areas, challenging angles, or non-standard characters can cause issues in detecting and capturing license plates. However, Provision-ISR Smart Plate cameras recognize a much higher number of automobile plates, with much higher efficiency than conventional LPR systems. The Smart Plate Series includes 2MP devices able to capture two plates per second and recognize more than 50 international license plates at vehicle speeds of up to 40km/h. The recognition rate reaches 99% in optimal environmental conditions, and that's why we talk about leading industry accuracy.



Industry leading accuracy
(99% in optimal conditions)



More than 50 international
license plates supported



Ability to distinguish relevant
signs from irrelevant ones.



Fast reading
(2 license plates per second)



Vehicle speed:
0-40 km/h



On-board artificial
intelligence based on deep
learning algorithms



Built-in SD Card



Excellent night performances



Dedicated parking
management software

Application examples



Gate control



Street monitoring and city surveillance



Parking management

Provision-ISR New case design

Our new design, featuring both the IP and the HD camera range, has become Provision-ISR signature worldwide. The front red line is the distinctive element making the Provision-ISR case exclusive and easily recognizable.



IP Technology V2 Series



S-Sight V2

If you are looking for a Simple IP system with excellent performance at a value price, then S-Sight (V2) is your series!

Discover more on page 39



Eye-Sight V2

The Eye-Sight (V2) is for the installer seeking advanced features such as Analytic AI, Face detection, and more.

Discover more on page 47



Smart-Sight

Our brand new Smart-Sight series includes high-performance AI CAMERAS, designed for specific purposes such as Face Recognition, License Plate Recognition, and Perimeter Protection.

Discover more on page 52

Provision-ISR IP range also includes:

- A series of PTZ cameras for wide-area coverage
- A series of SPECIAL CAMERAS specifically designed for non-conventional applications (Fisheye, hidden and PIR cameras)

IP Technology V2 Series

Comparison based on main features

Have a look at the main differences among S-Sight V2, Eye-Sight V2, and Smart S-Sight.

	Resolution				Video Compression		SD Card		WDR		Star light sensor*		Artificial Intelligence		Alarm*		Audio*		Built In Mic*			
	2MP	4MP	5MP	8MP	H265	H265 SMART	YES	NO	DIGITAL	TRUE	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO		
S-SIGHT (V2)	●	●		●	●		●		●			●		●		●		●		●		
EYE-SIGHT (V2)	●	●		●		●	●			●	●		●		●		●		●		●	
SMART-SIGHT	●		●			●	●			●		●		●		●		●		●		

* only supported models

Comparison based on analytics functions

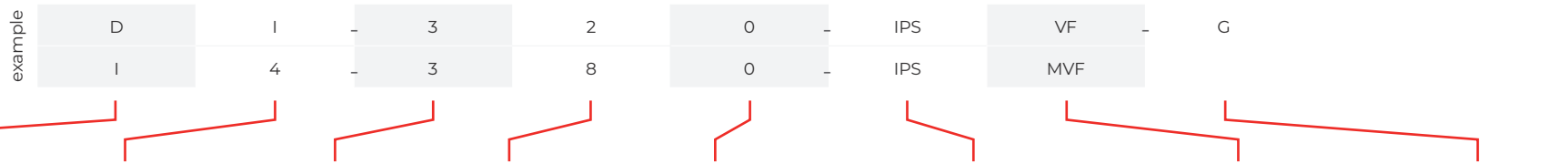
Have a look at the analytics functions featuring S-Sight V2, Eye-Sight V2, and Smart S-Sight.

	General video analytics		Pixel-based video analytics		AI-based video analytics				
	Camera tampering	Smart search	Line crossing	Sterile area	DDA Line crossing	DDA Sterile area	DDA Object counting	Face detection	License Plate recognition
S-SIGHT (V2)	●	●	●	●					
EYE-SIGHT (V2)	●	●			●	●	●	●	
SMART-FACE CAMERAS	●	●						●	
SMART-PLATE CAMERAS	●	●							●

IP V2 Cameras

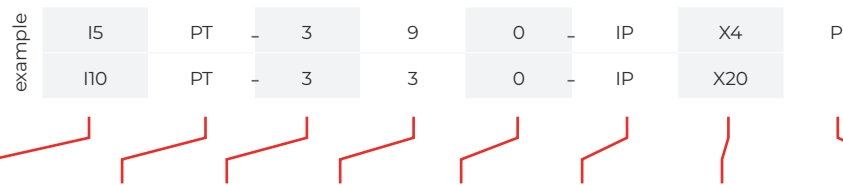
Model name index

Bullet / Dome / Turret



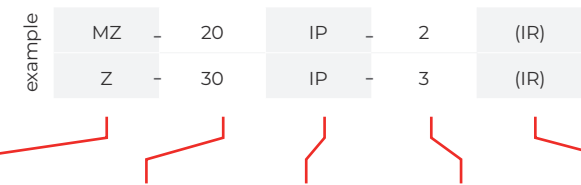
Category		Sub-Category		CMOS		Resolution		LUX		Solution		Lens		Color	
B	Body	X	No sub-categoria	2	~ 1/2"	2	2 MP	0	0 (IR on)	IPS	S-Sight (V2)	28	2.8mm	G	Grey
D	Dome	AI	Anti vandal (IR)	3	~ 1/3"	3	3 MP	1	Below ~ 0.009	IPE	Eye-Sight (V2)	36	3.6mm		
FE	Fish-Eye	C	Pinhole cone shape			4	4 MP	2	0.01 ~ 0.1	IP5	H.265	37	3.7mm		
I	Infra Red (IR) Bullet	I	Infra red (IR)			8	8 MP			WIP5	H.265 Wifi	43	4.3mm		
M	Mini	MA	Mini Anti Vandal							IPSN	Novatek	VF	Vari-focal		
		PT	Pan/Tilt									MVF	Motorized VF (auto focus)		
		2	IR 20 m												
		3	IR 30 m												
		4	IR 40 m												
		6	IR 60 m												

Bullet PTZ



IR distance		Category	CMOS	Resolution		LUX	Solution		Zoom		Special features			
I5	50 m	PT Pan Tilt	3	~ 1/3"	2	2 MP	0	0(IRon)	IP	IP	X4	x4 zoom	P	POE
I10	100 m				3	3 MP			IPM	MStar	X10	x10 zoom		
					4	4 MP					X20	x20 zoom		

Speed dome



Category	Lens	Solution		Resolution		Special features			
Z	Speed dome	20	x20 zoom	IP/IPE	IP	2	2 MP	(IR)	Infra Red
MZ	Mini Speed dome	30	x30 zoom	IPM	MStar	3	3 MP		

S-sight (V2)

Our new S-SIGHT series provides you with everything you need for a SIMPLE installation. S-Sight cameras guarantee a superior image quality, improved night performance, and make an outstanding value for money solution.

2MP - 4MP - 8MP

S-SIGHT






IP

S-Sight (V2) / 2 MP

	DI-320IPS-28	DI-320IPS-VF	DI-320IPS-VF-G	I2-320IPS-28	I4-320IPS-VF
			 		
Image sensor	1/2.9" CMOS (16:9)	1/2.9" CMOS (16:9)	1/2.9" CMOS (16:9)	1/2.9" CMOS (16:9)	1/2.9" CMOS (16:9)
Effective Pixels	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Frame rate	1-25/30FPS	1-25/30FPS	1-25/30FPS	1-25/30FPS	1-25/30FPS
Day/night	ICR	ICR	ICR	ICR	ICR
Min. Illumination	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on
Lens	2.8mm (107°)	2.8-12mm (88°-34.8°)	2.8-12mm (88°-34.8°)	2.8mm (107°)	2.8-12mm (94°-35.7°)
IR distance	20m (1 High Power IR LED)	40m (3 High Power IR LED)	40m (3 High Power IR LED)	20m (1 High Power IR LED)	40m (2 High Power IR LED)
Image enhancement	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI	Digital WDR, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes	Yes	Yes
Standard analytics	Line Crossing, Sterile Area	Line Crossing, Sterile Area	Line Crossing, Sterile Area	Line Crossing, Sterile Area	Line Crossing, Sterile Area
AI analytics	-	-	-	-	-
Video compression	H.265	H.265	H.265	H.265	H.265
Streams	2	2	2	2	2
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb
Audio	Built-In Microphone + 1IN	Built-In Microphone + 1IN	Built-In Microphone + 1IN	-	-
Alarm	-	-	-	-	-
Power supply	DC12V/~400mA / PoE/~5.2W	DC12V/~900mA / PoE/~10W	DC12V/~900mA / PoE/~10W	DC12V/~420mA / PoE/~5.4W	DC12V/~780mA / PoE/~7.4W
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IP 67	IP 67	IP 67	IP 67	IP 67
Dimensions	Ø97mm×82.6mm	Ø113mm×99.6mm	Ø113mm×99.6mm	172.2x73.4x74.5mm	220.8x79.4x81.2mm
Junction box	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64

All models support general analytics functions: Camera Tampering, Smart search.

S-Sight (V2) / 2 MP Novatek

	DI-320IPSN-28		DI-320IPSN-28-G		DI-320IPSN-VF		DI-320IPSN-VF-G		New DI-320IPSN-36	
										
Image sensor	1/2.9" CMOS (16:9)				1/2.9" CMOS (16:9)				1/2.8" CMOS (16:9)	
Effective Pixels	1920x1080				1920x1080				1920x1080	
Frame rate	1-25/30FPS				1-25/30FPS				1-25/30FPS	
Day/night	ICR				ICR				ICR	
Min. Illumination	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on				Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on				Day: 0.1lux / Night: 0.009lux (@F1.6, AGC On) 0lux with IR on	
Lens	2.8mm (107°)				2.8-12mm (88°-34.8°)				3.6mm (87.3°)	
IR distance	20m (1 High Power IR LED)				40m (3 High Power IR LED)				20m (1 High Power IR LED)	
Image enhancement	Digital WDR, BLC, HLC, ROI				Digital WDR, BLC, HLC, ROI				Digital WDR, BLC, HLC, ROI	
Noise reduction	3D-DNR				3D-DNR				3D-DNR	
Privacy mask	Yes				Yes				Yes	
Motion detection	Yes				Yes				Yes	
Standard analytics	Line Crossing, Sterile Area				Line Crossing, Sterile Area				Line Crossing, Sterile Area	
AI analytics	-				-				-	
Video compression	H.265				H.265				H.265 / H.264 / MJPEG (Sub-Stream Only)	
Streams	2				2				2	
SD card	Up to 128Gb				Up to 128Gb				Up to 128Gb	
Audio	Built-In Microphone + 1IN				Built-In Microphone + 1IN				Built-In Microphone	
Alarm	-				-				-	
Power supply	DC12V/~400mA / PoE/~5.2W				DC12V/~900mA / PoE/~10W				DC12V/~420mA / PoE/~5.4W	
Working temperature	-30°C~60°C, 10%~90% Humidity				-30°C~60°C, 10%~90% Humidity				-30°C~60°C, 10%~90% Humidity	
IP Rating	IP 67				IP 67				IP 67	
Dimensions	Ø97mm×82.6mm				Ø113mm×99.6mm				Ø97mm×82.6mm	
Junction box	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A				PR-JB14IP66 - PR-JB14IP64 - PR-WB-A				PR-JB12IP66 - PR-JB12IP64	

All models support general analytics functions: Camera Tampering, Smart search.

S-Sight (V2) / 2 MP Novatek



I2-320IPSN-28



New

I2-320IPSN-36



I4-320IPSN-VF









Image sensor	1/2.9" CMOS (16:9)	1/2.8" CMOS (16:9)	1/2.9" CMOS (16:9)
Effective Pixels	1920x1080	1920x1080	1920x1080
Frame rate	1-25/30FPS	1-25/30FPS	1-25/30FPS
Day/night	ICR	ICR	ICR
Min. Illumination	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.009lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.013lux (@F2.0, AGC On) 0lux with IR on
Lens	2.8mm (107°)	3.6mm (87.3°)	2.8-12mm (94°-35.7°)
IR distance	20m (1 High Power IR LED)	20m (1 High Power IR LED)	40m (2 High Power IR LED)
Image enhancement	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI	Digital WDR, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes
Standard analytics	Line Crossing, Sterile Area	Line Crossing, Sterile Area	Line Crossing, Sterile Area
AI analytics	-	-	-
Video compression	H.265	H.265	H.265
Streams	2	2	2
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb
Audio	-	-	-
Alarm	-	-	-
Power supply	DC12V/~420mA / PoE/~5.4W	DC12V/~420mA / PoE/~5.4W	DC12V/~780mA / PoE/~7.4W
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IP 67	IP 67	IP 67
Dimensions	172.2x73.4x74.5mm	172.2x73.4x74.5mm	220.8x79.4x81.2mm
Junction box	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64

All models support general analytics functions: Camera Tampering, Smart search.

S-Sight (V2) / 4 MP

New

DI-340IPS-36

	DI-340IPS-28	DI-340IPS-28-G	DI-340IPS-MVF	DI-340IPS-MVF-G	DI-340IPS-36
					
Image sensor	1/2.7" CMOS (16:9)		1/2.7" CMOS (16:9)		1/2.7" CMOS (16:9)
Effective Pixels	2560x1440		2560x1440		2560x1440
Frame rate	1-25/30FPS		1-25/30FPS		1-25/30FPS
Day/night	ICR		ICR		ICR
Min. Illumination	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on		Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on		Day: 0.1lux / Night: 0.04lux (@F2.2, AGC On) 0lux with IR on
Lens	2.8mm (110°)		2.8-12mm MVF with Auto Focus (94°-35.7°)		3.6mm (89°)
IR distance	20m (1 High Power IR LED)		40m (3 High Power IR LED)		20m (1 High Power IR LED)
Image enhancement	Digital WDR, BLC, HLC, ROI		Digital WDR, BLC, HLC, ROI		Digital WDR, BLC, HLC, ROI
Noise reduction	3D-DNR		3D-DNR		3D-DNR
Privacy mask	Yes		Yes		Yes
Motion detection	Yes		Yes		Yes
Standard analytics	Line Crossing, Sterile Area		Line Crossing, Sterile Area		Line Crossing, Sterile Area
AI analytics	-		-		-
Video compression	H.265		H.265		H.265
Streams	3		3		3
SD card	Up to 128Gb		Up to 128Gb		Up to 128Gb
Audio	Built-In Microphone + 1IN		Built-In Microphone + 1IN		Built-In Microphone
Alarm	-		-		-
Power supply	DC12V/~400mA / PoE/~5.2W		DC12V/~900mA / PoE/~10W		DC12V/~400mA / PoE/~5.2W
Working temperature	-30°C~60°C, 10%~90% Humidity		-30°C~60°C, 10%~90% Humidity		-30°C~60°C, 10%~90% Humidity
IP Rating	IP 67		IP 67		IP 67
Dimensions	Ø97mm×82.6mm		Ø113mm×99.6mm		Ø97mm×82.6mm
Junction box	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A		PR-JB14IP66 - PR-JB14IP64 - PR-WB-A		PR-JB12IP66 - PR-JB12IP64 - PR-WB-A

All models support general analytics functions: Camera Tampering, Smart search.

S-Sight (V2) / 4 MP



I2-340IPS-28



New

I2-340IPS-36



I4-340IPS-MVF



Image sensor	1/2.7" CMOS (16:9)	1/2.7" CMOS (16:9)	1/2.7" CMOS (16:9)
Effective Pixels	2560x1440	2560x1440	2560x1440
Frame rate	1-25/30FPS	1-25/30FPS	1-25/30FPS
Day/night	ICR	ICR	ICR
Min. Illumination	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.04lux (@F2.2, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.03lux (@F2.0, AGC On) 0lux with IR on
Lens	2.8mm (110°)	3.6mm (89°)	2.8-12mm MVF with Auto Focus (94°-35.7°)
IR distance	20m (1 High Power IR LED)	20m (1 High Power IR LED)	40m (2 High Power IR LED)
Image enhancement	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes
Standard analytics	Line Crossing, Sterile Area	Line Crossing, Sterile Area	Line Crossing, Sterile Area
AI analytics	-	-	-
Video compression	H.265	H.265	H.265
Streams	3	3	3
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb
Audio	-	-	-
Alarm	-	-	-
Power supply	DC12V/~420mA / PoE/~5.4W	DC12V/~420mA / PoE/~5.4W	DC12V/~780mA / PoE/~7.4W
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IP 67	IP 67	IP 67
Dimensions	172.2x73.4x74.5mm	172.2x73.4x74.5mm	220.8x79.4x81.2mm
Junction box	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64

S-Sight (V2) / 8 MP

	DI-380IPS-28	DI-380IPS-MVF	I4-380IPS-28	I4-380IPS-MVF
				
Image sensor	1/2.7" CMOS (16:9)	1/2.7" CMOS (16:9)	1/2.7" CMOS (16:9)	1/2.7" CMOS (16:9)
Effective Pixels	3840x2160	3840x2160	3840x2160	3840x2160
Frame rate	1-20FPS	1-20FPS	1-20FPS	1-20FPS
Day/night	ICR	ICR	ICR	ICR
Min. Illumination	0.09 lux (@F2.0, AGC ON) 0 lux with IR on	0.11 lux (@F1.4, AGC ON) 0 lux with IR on	0.09 lux (@F2.0, AGC ON) 0 lux with IR on	0.11 lux (@F1.4, AGC ON) 0 lux with IR on
Lens	2.8mm (112°)	2.8-12mm MVF with Auto Focus (102.7°- 32.2°)	2.8mm (112°)	2.8-12mm MVF with Auto Focus (102.7°- 32.2°)
IR distance	20m (1 High Power IR LED)	40m (3 High Power IR LED)	40m (2 High Power IR LED)	40m (2 High Power IR LED)
Image enhancement	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI	Digital WDR, BLC, HLC, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes	Yes
Standard analytics	Line Crossing, Sterile Area	Line Crossing, Sterile Area	Line Crossing, Sterile Area	Line Crossing, Sterile Area
AI analytics	-	-	-	-
Video compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Streams	3	3	3	3
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb
Audio	Built-In Microphone + 1IN	Built-In Microphone + 1IN	1 IN	1 IN
Alarm	-	-	-	-
Power supply	DC12V/~400mA / PoE/~5.2W	DC12V/~900mA / PoE/~10W	DC12V/~420mA / PoE/~5.4W	DC12V/~780mA / PoE/~7.4W
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IP 67	IP 67	IP 67	IP 67
Dimensions	Ø97mm×82.6mm	Ø113mm×99.6mm	220.8x79.4x81.2mm	220.8x79.4x81.2mm
Junction box	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64

All models support general analytics functions: Camera Tampering, Smart search.

Eye-sight (V2)

The new Eye-Sight series is aimed at the security professionals seeking for a **PROFESSIONAL LINE** featuring outstanding image quality, full connectivity, and enhanced video analytics functions based on **ARTIFICIAL INTELLIGENCE**.






Face detection and object detection have been added to all the **EYE-SIGHT** cameras and run on a new generation and powerful AI CPU designed for this purpose.

Featuring

AI 2MP - 4MP - 8MP

IP

Eye-Sight (V2) / 2 MP






	DAI-320IPE-28	DAI-320IPE-MVF	DI-320IPE-28	DI-320IPE-MVF	
					
Image sensor	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)	
Effective Pixels	1920x1080	1920x1080	1920x1080	1920x1080	
Frame rate	1-25/30FPS	1-25/30FPS	1-25/30FPS	1-25/30FPS	
Day/night	ICR	ICR	ICR	ICR	
Min. Illumination	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	
Lens	2.8mm (108°)	2.8-12mm MVF with Auto Focus (103°-32°)	2.8mm (108°)	2.8-12mm MVF with Auto Focus (103°-32°)	
IR distance	20m (3 High Power IR LED)	40m (2 High Power IR LED)	20m (1 High Power IR LED)	40m (3 High Power IR LED)	
Image enhancement	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	
Privacy mask	Yes	Yes	Yes	Yes	
Motion detection	Yes	Yes	Yes	Yes	
Standard analytics	-	-	-	-	
AI analytics	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection	
Video compression	H.265 smart	H.265 smart	H.265 smart	H.265 smart	
Streams	3	3	3	3	
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb	
Audio	Built-in Microphone + 1 IN	Built-in Microphone + 1 IN + 1 OUT	Built-in Microphone + 1 IN	Built-in Microphone + 1 IN	
Alarm	1 IN + 1 OUT	1 IN + 1 OUT	-	-	
Power supply	DC12V/~620mA / PoE/~6.3W	DC12V/~780mA / PoE/~7.4W	DC12V/~400mA / PoE/~5.2W	DC12V/~900mA / PoE/~10W	
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	
IP Rating	IP 67 / IK10	IP 67 / IK10	IP 67	IP 67	
Dimensions	Ø119x87.8mm	Ø140.9x100.3mm	Ø97mm×82.6mm	Ø113mm×99.6mm	
Junction box	PR-JB12IP66 - PR-WB-A	PR-JB14IP66	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	



*DDA Line crossing
DDA Sterile area
DDA Object counting

All models support general analytics functions: Camera Tampering, Smart search.

Eye-Sight (V2) / 2 MP







	DMA-320IPE-28	I4-320IPE-36	I4-320IPE-MVF	I6-320IPE-MVF
				
Image sensor	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)
Effective Pixels	1920x1080	1920x1080	1920x1080	1920x1080
Frame rate	1-25/30FPS	1-25/30FPS	1-25/30FPS	1-25/30FPS
Day/night	ICR	ICR	ICR	ICR
Min. Illumination	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on
Lens	2.8mm (108°)	3.6mm Fixed Lens (89°)	2.8-12mm MVF with Auto Focus (103°-32°)	2.8-12mm MVF with Auto Focus (103°-32°)
IR distance	10m (2 High Power IR LED)	40m (2 High Power IR LED)	40m (2 High Power IR LED)	60m (4 High Power IR LED)
Image enhancement	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes	Yes
Standard analytics	-	-	-	-
AI analytics	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection
Video compression	H.265 smart	H.265 smart	H.265 smart	H.265 smart
Streams	3	3	3	3
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb
Audio	Built-in Microphone + 1 IN	1 IN	1 IN	1 IN + 1 OUT
Alarm	-	-	-	1 IN + 1 OUT
Power supply	DC12V/~340mA / PoE/~4.7W	DC12V/~780mA / PoE/~7.4W	DC12V/~780mA / PoE/~7.4W	DC12V/~910mA / PoE/~8.2W
Working temperature	-30°C~50°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IK10	IP 67	IP 67	IP 67
Dimensions	Ø110mm×57.8mm	220.8×79.4×81.2mm	220.8×79.4×81.2mm	271.8×92.4×79.4mm
Junction box	PR-B10BJB - PR-WB-A	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	PR-JB14IP66 - PR-JB14IP64



*DDA Line crossing
DDA Sterile area
DDA Object counting

All models support general analytics functions: Camera Tampering, Smart search.

Eye-Sight (V2) / 4 MP

	DAI-340IPE-28	DAI-340IPE-MVF	DI-340IPE-28	DI-340IPE-28-G	DI-340IPE-MVF
				 	
Image sensor	1/3" CMOS (16:9)	1/3" CMOS (16:9)	1/3" CMOS (16:9)	1/3" CMOS (16:9)	1/3" CMOS (16:9)
Effective Pixels	2592X1520	2592X1520	2592X1520	2592X1520	2592X1520
Frame rate	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode
Day/night	ICR	ICR	ICR	ICR	ICR
Min. Illumination	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on
Lens	2.8mm (100°)	2.8-12mm MVF with Auto Focus (94.3°-29.9°)	2.8mm (100°)	2.8mm (100°)	2.8-12mm MVF with Auto Focus (94.3°-29.9°)
IR distance	20m (3 High Power IR LED)	40m (2 High Power IR LED)	20m (1 High Power IR LED)	20m (1 High Power IR LED)	40m (3 High Power IR LED)
Image enhancement	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes	Yes	Yes
Standard analytics	-	-	-	-	-
AI analytics	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection
Video compression	H.265 smart	H.265 smart	H.265 smart	H.265 smart	H.265 smart
Streams	3	3	3	3	3
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb
Audio	Built-in Microphone + 1 IN	Built-in Microphone + 1 IN + 1 OUT	Built-in Microphone + 1 IN	Built-in Microphone + 1 IN	Built-in Microphone + 1 IN
Alarm	1 IN + 1 OUT	1 IN + 1 OUT	-	-	-
Power supply	DC12V/~620mA / PoE/~6.3W	DC12V/~780mA / PoE/~7.4W	DC12V/~400mA / PoE/~5.2W	DC12V/~400mA / PoE/~5.2W	DC12V/~900mA / PoE/~10W
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IP 67 / IK10	IP 67 / IK10	IP 67	IP 67	IP 67
Dimensions	Ø119x87.8mm	Ø140.9x100.3mm	Ø97mm×82.6mm	Ø97mm×82.6mm	Ø113mm×99.6mm
Junction box	PR-JB12IP66 - PR-WB-A	PR-JB14IP66	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A



*DDA Line crossing
DDA Sterile area
DDA Object counting

All models support general analytics functions: Camera Tampering, Smart search.

Eye-Sight (V2) / 4 MP




	DMA-340IPE-28	I4-340IPE-36	I4-340IPE-MVF	I6-340IPE-MVF	
					
Image sensor	1/3" CMOS (16:9)	1/3" CMOS (16:9)	1/3" CMOS (16:9)	1/3" CMOS (16:9)	
Effective Pixels	2592X1520	2592X1520	2592X1520	2592X1520	
Frame rate	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	
Day/night	ICR	ICR	ICR	ICR	
Min. Illumination	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	
Lens	2.8mm (100°)	3.6mm Fixed Lens (80.6°)	2.8-12mm MVF with Auto Focus (94.3°-29.9°)	2.8-12mm MVF with Auto Focus (94.3°-29.9°)	
IR distance	10m (2 High Power IR LED)	40m (2 High Power IR LED)	40m (2 High Power IR LED)	60m (4 High Power IR LED)	
Image enhancement	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	
Privacy mask	Yes	Yes	Yes	Yes	
Motion detection	Yes	Yes	Yes	Yes	
Standard analytics	-	-	-	-	
AI analytics	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection	
Video compression	H.265 smart	H.265 smart	H.265 smart	H.265 smart	
Streams	3	3	3	3	
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb	Up to 128Gb	
Audio	Built-in Microphone + 1 IN	1 IN	1 IN	1 IN + 1 OUT	
Alarm	-	-	-	1 IN + 1 OUT	
Power supply	DC12V/~340mA / PoE/~4.7W	DC12V/~780mA / PoE/~7.4W	DC12V/~780mA / PoE/~7.4W	DC12V/~910mA / PoE/~8.2W	
Working temperature	-30°C~50°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	
IP Rating	IK10	IP 67	IP 67	IP 67	
Dimensions	Ø110mm×57.8mm	220.8×79.4×81.2mm	220.8×79.4×81.2mm	271.8×92.4×79.4mm	
Junction box	PR-B10BJB - PR-WB-A	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	PR-JB14IP66 - PR-JB14IP64	



*DDA Line crossing
DDA Sterile area
DDA Object counting

All models support general analytics functions: Camera Tampering, Smart search.

Eye-Sight (V2) / 8 MP

	DAI-380IPE-MVF	DI-380IPE-MVF	I6-380IPE-MVF
			
Image sensor	1/2.8" CMOS (16:9)	1/3" CMOS (16:9)	1/2.8" CMOS (16:9)
Effective Pixels	3840x2160	3840x2160	3840x2160
Frame rate	8MP @ 1-20FPS, 6MP @ 1-20FPS, 5MP @ 1-25/30, 4MP @ 1-25/30, 2MP 1-25/30 in normal mode 1-50/60FPS in HFR Mode	8MP @ 1-20FPS, 6MP @ 1-20FPS, 5MP @ 1-25/30, 4MP @ 1-25/30, 2MP 1-25/30 in normal mode 1-50/60FPS in HFR Mode	8MP @ 1-20FPS, 6MP @ 1-20FPS, 5MP @ 1-25/30, 4MP @ 1-25/30, 2MP 1-25/30 in normal mode 1-50/60FPS in HFR Mode
Day/night	ICR	ICR	ICR
Min. Illumination	0.015 lux (@F1.4, AGC ON) 0 lux with IR on	0.015 lux (@F1.4, AGC ON) 0 lux with IR on	0.015 lux (@F1.4, AGC ON) 0 lux with IR on
Lens	2.8-12mm MVF with Auto Focus (96°- 32°)	2.8-12mm MVF with Auto Focus (96°- 32°)	2.8-12mm MVF with Auto Focus (96°- 32°)
IR distance	40m (2 High Power IR LED)	40m (3 High Power IR LED)	60m (4 High Power IR LED)
Image enhancement	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes
Standard analytics	-	-	-
AI analytics	DDA* + Face Detection	DDA* + Face Detection	DDA* + Face Detection
Video compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Streams	3	3	3
SD card	Up to 128Gb	Up to 128Gb	Up to 128Gb
Audio	Built-in Microphone + 1 IN + 1 OUT	Built-in Microphone + 1 IN	1 IN + 1 OUT
Alarm	1 IN + 1 OUT	-	1 IN + 1 OUT
Power supply	DC12V/~780mA / PoE/~7.4W	DC12V/~910mA / PoE/~8.2W	DC12V/~910mA / PoE/~8.2W
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IP 67	IP 67	IP 67
Dimensions	Ø140.9x100.3mm	Ø113mm×99.6mm	271.8x92.4x79.4mm
Junction box	PR-JB14IP66	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64



*DDA Line crossing
DDA Sterile area
DDA Object counting

All models support general analytics functions: Camera Tampering, Smart search.

Smart-sight

Our brand new SMART-SIGHT SERIES includes high-performance AI CAMERAS, designed for specific purposes and applications.

SMART-PLATE - LPR Cameras

SMART-FACE - Face Recognition Cameras

SMART-ALERT - Perimeter Cameras (coming soon)

All the components beginning with the sensor, the optics, the CPU, and even the lighting, were specially selected to deliver the most accurate AI results for the required application.

VIDEO ANALYTICS:
Artificial intelligence



LPR cameras / 2 MP



I6-320LPR-MVF1



SMART PLATE
LICENSE PLATE RECOGNITION CAMERAS

I6-320LPR-MVF2






SMART PLATE
LICENSE PLATE RECOGNITION CAMERAS

Image sensor	1 / 2.8" CMOS	1 / 2.8" CMOS
Effective Pixels	1920x1080	1920x1080
Frame rate	1-25/30FPS In Normal Mode 1-50/60FPS in HFR Mode***	1-25/30FPS In Normal Mode 1-50/60FPS in HFR Mode***
Day/night	ICR	ICR
Min. Illumination	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC On) 0lux with IR on
Lens	2.8-12mm MVF(103.4°-32.4°)	7-22mm MVF (44°-17.6°)
IR distance	60m (4 High Power IR LED)	60m (4 High Power IR LED)
Image enhancement	True WDR(120dB), BLC, HLC, ROI	True WDR(120dB), BLC, HLC, ROI
Noise reduction	3D-DNR	3D-DNR
Privacy mask	Yes	Yes
Motion detection	Yes	Yes
Standard analytics	Camera Tampering	Camera Tampering
AI analytics	LPR: License plate recognition	LPR: License plate recognition
Video compression	H.265S/H.264S*, H.265+/H.264+/H.265/H.264, MJPEG**	H.265S/H.264S*, H.265+/H.264+/H.265/H.264, MJPEG**
Streams	3	3
SD card	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)	Event/Schedule based Main/Sub-Stream recording (Up to 128Gb)
Audio	Two-way Audio	Two-way Audio
Alarm	1 IN + 1 OUT	1 IN + 1 OUT
Power supply	DC12V/~910mA / PoE/~11W	DC12V/~910mA / PoE/~11W
Working temperature	-30°C~60°C, 10%~90% Humidity	-30°C~60°C, 10%~90% Humidity
IP Rating	IP67	IP67
Dimensions	271.8x92.4x79.4mm	271.8x92.4x79.4mm
Junction box	PR-JB14IP66 - PR-JB14IP64	PR-JB14IP66 - PR-JB14IP64

LPR Database: 10,000 Plates - LPR detection speed: 0-40Km/h.

*Main-Streams Only, **Sub-Streams Only, *** No true-WDR

Face recognition cameras / 2MP

	BX-321FR	DW-320FR-MVF2	TW-320FR-MVF2
		 SMART FACE FACE RECOGNITION CAMERAS	 SMART FACE FACE RECOGNITION CAMERAS
Image sensor	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)	1/2.8" CMOS (16:9)
Effective Pixels	1920x1080	1920x1080	1920x1080
Frame rate	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode
Day/night	ICR	ICR	ICR
Min. Illumination	Day: 0.0026lux / Night: 0.001lux(@F1.4, AGC On)	Day: 0.0026lux / Night: 0.001lux(@F1.4, AGC On)	Day: 0.0026lux / Night: 0.001lux(@F1.4, AGC On)
Lens	CS MOUNT	7-22mm MVF with Auto Focus (44°- 17.6°)	7-22mm MVF with Auto Focus (44°- 17.6°)
IR distance	-	10m white led light	10m white led light
Image enhancement	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI	True WDR (120dB), BLC, HLC, ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes
Standard analytics	Camera Tampering	Camera Tampering	Camera Tampering
AI analytics	Face Detection, Face Recognition***	Face Detection, Face Recognition***	Face Detection, Face Recognition***
Video compression	H.265 / H.264 / MJPEG**	H.265 / H.264 / MJPEG**	H.265 / H.264 / MJPEG**
Streams	1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps) / QCIF(1~30fps)	1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps) / QCIF(1~30fps)	1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps) / QCIF(1~30fps)
SD card	Support Event recording over TF (128GB Max)	Support Event recording over TF (128GB Max)	Support Event recording over TF (128GB Max)
Audio	Two-way Audio	One-way Audio	Two-way audio
Alarm	2 Alarm in + 2 Alarm Out	-	Alarm in + Alarm Out
Power supply	DC12V~320mA / AC24V~160mA / PoE~6W	DC12V~320mA / AC24V~160mA / PoE~6W	DC12V~320mA / AC24V~160mA / PoE~6W
Working temperature	-10C°~50C°, 10%~90% Humidity	-10C°~50C°, 10%~90% Humidity	-10C°~50C°, 10%~90% Humidity
IP Rating	-	IP67	IP67
Dimensions	79×153×64mm	∅11.5mm×99.6mm	279.5x100.3x88.9mm
Junction box	-	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64

Sub-Streams Only, *Future development

IP Special Cameras

MC-392IP543



FEI-360IP5 V2



New
IV-320IP-37



BX-291IP5



BX-341IPE



Image sensor	1/1.3" CMOS – 2MP (16:9)	1/2.9" CMOS – 6MP	1/2.8" CMOS (16:9)	1/1.9" CMOS – 2MP (16:9)	1 / 3" CMOS (16:9)
Effective Pixels	1920x1080	2160x2160	1920x1080	1920x1080	2592x1944 @25/30 FPS HFR*: 1-50/60FPS (Max.1080P & D-WDR)
Frame rate	1-25/30FPS	1-25/30FPS	1-25/30FPS	1-25/30FPS	1-25/30FPS In Normal Mode. 1-50/60FPS in HFR Mode.
Day/night	-	ICR	ICR	ICR	ICR
Min. Illumination	Day: 0.04Lux-Night: 0.01Lux	Day: 0.04Lux-Night: 0.01Lux 0lux IR ON	Day: 0.1lux / Night: 0.007 lux@ F2.0,AGC ON; 0 lux with IR on	Day: 0.0028Lux-Night: 0.0003Lux	Day: 0.0028lux / Night: 0.001lux (@ F1.2, AGC On)
Lens	4,3 mm (62°)	1.07 mm (360° ceiling mount 180° wall mount)	3.7mm	CS Mount	CS Mount
IR distance	-	15 m (6 High power IR LED wide angle)	10m (20 Invisible IR LED)	-	-
Image enhancement	Digital WDR, BLC/HLC/ROI	Digital WDR, BLC/HLC/ROI	DWDR, BLC, HLC, ROI	True WDR (120dB), BLC/HLC/ROI	True WDR (120dB, HFR Disabled), BLC/HLC/ROI
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	Yes	Yes	Yes	Yes	Yes
Motion detection	Yes	Yes	Yes	Yes	Yes
Standard analytics	-	-	Yes	Yes	-
AI analytics	-	-	-	Face Detection	DDA* + Face Detection
Video compression	H.264-H265	H.264-H265	H.265 / H.264 / MJPEG (Sub-Stream Only)	H.264-H265	H.264-H265
Streams	2	3	2	3	3
SD card	Up to 128 Gb (Micro SD)	Up to 128 Gb (Micro SD)	Up to 128 Gb (Micro SD)	Up to 128 Gb (Micro SD)	Up to 128 Gb (Micro SD)
Audio	Built-in Microphone	Built-in Microphone + 1 IN + 1 OUT	One-way Audio	1 IN - 1 OUT	Built-in Microphone + 1 IN - 1 OUT
Alarm	-	1 IN - 1 OUT	-	1 IN - 1 OUT	2 IN - 2OUT
Power supply	DC12V-150mA	DC12V-300mA / PoE-3W	DC12V/~420mA / PoE/~4.8W	DC12V-320mA/AC24V-160mA/PoE- 6W	DC12V~320mA / AC24V~160mA / PoE~6W
Working temperature	-10°-50°C	-20°C~50°C, 10%~90% Humidity	-20°C~50°C, 10%~90% Humidity	-10°-50°C	-10°~50°C, 10%~90% Humidity
IP Rating	-	IK10	-	-	-
Dimensions	30mm×30mm×29.5mm	d. 130mm×41mm	95x69.5x58mm	70mm45mmx60mm	79W × 160.8D × 64H mm
Junction box	-	-	-	-	-

IV-390IP537, BX-291IP5 and BX-341IPE support general analytics functions: Camera Tampering, Smart search.

Wireless security camera

Wireless cameras have become extremely popular with their ability to be placed anywhere without worrying about wires or existing network infrastructure.

The new Provision-ISR WiFi camera comes with five main benefits:

- No cable is required
- Long distance and reliable WiFi Connectivity
- Plug&Play: a single click pairing of the camera and the repeater.
- Voice status indication
- Great quality/price ratio



WIFI	802.11 b/g/n 2.4G
Capacity	4 wireless IPC
LEDS	5 status LED, 4 status LED IPC, 1 status LED NVR.
Interface	1 x RJ45 100Mbps network interface
	1 x Match/Reset button
	1 x 12V power supply
Dimensions	186mm×74mm×31mm

I3-330WIP536 Must be paired with WR-04IPC-V2 adapting unit in order to work with Provision-ISR NVR



Image sensor	1/3" CMOS – 3MP (16:9)
Effective pixels	2304x1296
Max. resolution	3MP
Min. illumination	0.1 lux (@F2.0, AGC ON) 0 lux with IR on
Privacy mask	No
Video analytics	-
Image enhancement	Digital WDR
Day/night	ICR
Noise reduction	3D-DNR
Motion detection	Yes
IR distance	30m (3 High Power IR LED)
Lens	3.6mm (90°)
Network / Ethernet	Wireless Only (With WR-04IPC Adapter)
Analog video output	-
Audio input	-
Audio output	-
SD card	-
Power supply	DC12V/~520mA
Alarm	-
Video compression	H.264 / H.265
IP Rating	Water Proof: IP66
Junction Box	-

IP PTZ Cameras / 2MP - 3MP - 4MP

New

I5PT-320IPMX4-P



New

I5PT-390IPX10-P



I5PT-320IPMX10-P

I10PT-390IPX20








I5PT-340IPX10



Image sensor	1/2.9" CMOS	1/2.9" CMOS – 2MP (16:9)	1/2.9" CMOS – 2MP (16:9)	1/3" CMOS – 4MP (16:9)
Effective pixels	1920x1080	1920x1080	1920x1080	2560x1440
Max. resolution	2MP(1920x1080)@1-25/30FPS	2MP(1920x1080)@1-25/30FPS	2MP(1920x1080)@1-25/30FPS	4MP(2560x1440)@1-25/30FPS
Min. illumination	0.005 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)	0,05lux (Color), 0,01lux (B&W),0lux(IR On)	0,05lux (Color), 0,01lux (B&W),0lux(IR On)	0,05lux (Color), 0,01lux (B&W),0lux(IR On)
Lens	x4 (2.8-12mm)	5,1-51 mm Motorized VF with Auto Focus	4,7-97 mm Professional Zoom Module	5,1-51 mm Motorized VF with Auto Focus
Pan/Tilt Angle	250° Pan / 65° Tilt	250° Pan Rotation 65° Continuous Tilt	360° Pan (From 0° Tilt level)/ 95° Tilt	250° Pan / 65° Tilt
Pan/Tilt Speed	Manual: 0.5°~12°/Sec (Proportional to Zoom)	0.5°~12°/Sec (Proportional to Zoom)	Tilt: 0.5~80°/s Pan: 0.5~20°/s (Proportional to Zoom)	0.5°~12°/Sec (Proportional to Zoom)
Pan/Tilt Preset speed	Max Preset Speed: 12°/s	12°/s	Tilt: 80°/s Pan: 20°/s	12°/s
Angle of view	81.2°(Wide) to 22.6°(Tele)	H: 50.4°(Wide) to 5.4°(Tele)	H: 55.8°(Wide) to 3.2°(Tele)	H: 54.1°(Wide) to 5.8°(Tele)
Privacy mask	Yes	Yes	Yes	Yes
Video analytics	-	-	-	-
Image enhancement	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Day/night	ICR (Auto Day/Night)	ICR (Auto Day/Night)	ICR (Auto Day/Night)	ICR (Auto Day/Night)
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Motion detection	Yes	Yes	Yes	Yes
IR distance	50 m	50 m	100 m	50 m
Network / Ethernet	RJ45 (+PoE)	RJ45 (+PoE)	RJ45	RJ45
Analog video output	-	-	-	-
Audio input	-	-	Yes	-
Audio output	-	-	Yes	-
Power supply	12VDC/2A (Not supplied) / PoE(~10W)	12VDC/2A (Not supplied) / PoE(~10W)	DC12V / 3A	DC12V / 2A
Alarm	-	-	1 In - 1 Out	-
Video compression	H.265/H.264	H.264 H.265/H.264	H.264	H.264
IP Rating	IP66	IP66	IP66	IP66

IP speed dome Cameras / 2MP - 3MP New

	MZ-20IPM-2(IR) 	EOL Z-20IPE-2(IR)* 	Z-30IPE-2(IR)* 	Z-20IP-3(IR)* 	Z-30IP-3(IR)* 
Image sensor	1/2.8" CMOS	1/2.8" CMOS – 2MP (16:9)	1/2.8" CMOS – 2MP (16:9)	1/2.8" CMOS – 3MP (4:3)	1/2.8" CMOS – 3MP (4:3)
Effective pixels	1920x1080	1920x1080	1920x1080	2048x1536	2048x1536
Max. resolution	2MP(1920X1080)@1-25/30FPS	2MP(1920X1080)@1-25/30FPS	2MP(1920X1080)@1-25/30FPS	3MP(1920X1080)@1-25/30FPS	3MP(1920X1080)@1-25/30FPS
Min. illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)	0,05lux (Color), 0,01lux (B&W),0lux(IR On)	0,05lux (Color), 0,01lux (B&W),0lux(IR On)	0,05lux (Color), 0,01lux (B&W),0lux(IR On)	0,05lux (Color), 0,01lux (B&W),0lux(IR On)
Lens	x20 (F1.6~4.9mm - F3.5~98mm)	X20 - 3,5-97mm	X30 - 5-129mm	X20 - 3,5-97mm	X30 - 5-129mm
Pan/Tilt Angle	360° (Endless) / 0°~180° (Auto Flip)	360° (Endless) / -10°~180° (Auto Flip)	360° (Endless) / -10°~180° (Auto Flip)	360° (Endless) / -10°~180° (Auto Flip)	360° (Endless) / -10°~180° (Auto Flip)
Pan/Tilt Speed	Horizontal: 0.01%/s - 90%/s Vertical: 0.01%/s - 22.5%/s	Horizontal: 0.01%/s - 350%/s Vertical: 0.01%/s - 120%/s	Horizontal: 0.01%/s - 350%/s Vertical: 0.01%/s - 120%/s	Horizontal: 0.01%/s - 350%/s Vertical: 0.01%/s - 120%/s	Horizontal: 0.01%/s - 350%/s Vertical: 0.01%/s - 120%/s
Pan/Tilt Preset speed	Horizontal: 120%/s, Vertical: 22.5%/s	Horizontal: 350%/s Vertical: 120%/s	Horizontal: 350%/s Vertical: 120%/s	Horizontal: 350%/s Vertical: 120%/s	Horizontal: 350%/s Vertical: 120%/s
Angle of view	56°(wide) ~ 3.86°(tele)	54.1° (Wide) ~ 2.8° (Tele)	58.3° (Wide) ~ 2.1° (Tele)	54.1° (Wide) ~ 2.8° (Tele)	58.3° (Wide) ~ 2.1° (Tele)
Privacy mask	-	Yes	Yes	Yes	Yes
Video analytics	-	-	-	-	-
Image enhancement	Digital WDR, BLC	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Day/night	ICR (Auto/Day/Night)	ICR (Auto Day/Night)	ICR (Auto Day/Night)	ICR (Auto Day/Night)	ICR (Auto Day/Night)
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Motion detection	Yes	Yes	Yes	Yes	Yes
IR distance	80 m	100 m	150 m	100 m	150 m
Network / Ethernet	RJ45	RJ45	RJ45	RJ45	RJ45
Analog video output	-	Yes	Yes	Yes	Yes
Audio input	-	Yes	Yes	Yes	Yes
Audio output	-	Yes	Yes	Yes	Yes
Power supply	12v/3A	AC24V/3A Power supply included	AC24V/3A Power supply included	AC24V/3A Power supply included	AC24V/3A Power supply included
Alarm	-	1 In/1 Out	1 In/1 Out	1 In/1 Out	1 In/1 Out
Video compression	H.264/H.265	H.264	H.264	H.264	H.264
IP Rating	IP66	IP66	IP66	IP66	IP66

NVR Network Video Recorders

In standard installations - the NVR is the heart of the IP System. It is responsible for smooth communication with the cameras and the constant recording of all the data received from the connected cameras. Unlike DVRs, the NVR doesn't compress the video signal received from the IP camera but only stores it the same way as the camera already compresses it.

CONVENTIONAL NVRs

These NVRs are connected to the network and communicate with the IP cameras through the general network, without a direct IP camera connection. This provides the installer the highest flexibility in the design of the system and the wiring. Basic knowledge in networking and general IP configuration is required.

POE NVRs

These NVRs perform as a local network switch by creating a closed internal network for the IP cameras. The IP cameras are connected directly to the NVR by one network cable which will provide PoE power and automatically configure the camera for display & record. These NVRs may also perform as conventional NVRs by dedicating some channels to communicating with any ONVIF camera connected to the network. No previous knowledge is required for this type of installation.

Model name index



	Resolution	no. channels	Total FPS	Special feat.	Case
example	NVR5	8	200	PX	MM
	NVR8	16	400		2U

	Resolution	n° channels	Total FPS	Special features	Case
NVR5	5MP real time	4 4 Channels	50 50 fps (PAL) / 60 fps (NTSC)	X Economy series	"none" Small 1U case 1HDD support
NVR8	8MP real time	8 8 Channels	100 100 fps (PAL) / 120 fps (NTSC)	P PoE support	MM mini metal case 1HDD support
		16 16 Channels	200 200 fps (PAL) / 240 fps (NTSC)	E H.264 Economy series	1U 1U case 2HDD support
		32 32 Channels	400 400 fps (PAL) / 480 fps (NTSC)	F AI-Based analytics	1.5U 1.5U case 4HDD support
		64 64 Channels	800 800 fps (PAL) / 960 fps (NTSC)	A Alarm	2U 2U case 8HDD support
		128 128 Channels	1600 1600 fps (PAL) / 1920 fps (NTSC)	R RAID support	3U 3U case 16HDD support
				T Real time	

NVR / 5MP 4ch

	NVR5-4100X+(MM)	NVR5-4100PX+(MM)
		
Channels	4 Channels	4 Channels
PoE	-	4
Video output	HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768	HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768
Max. Recording	4CH 5MP Real Time	4CH 5MP Real Time
Video compression	H264 - H265	H264 - H265
Alarms	None - IPC Inputs/outputs only	None - IPC Inputs/outputs only
Audio	In: IPC inputs only Out: IPC outputs only	In: IPC inputs only Out: IPC outputs only
Playback	4CH	4CH
Backup format	AVI/DAT	AVI/DAT
Browsers	IE	IE
VMS	Yes	Yes
Video analytics	Yes (Must be supported by IPC)	Yes (Must be supported by IPC)
APP smart-phone/Tablet	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)
User connections	5 simultaneously	5 simultaneously
Hard Disk	1 SATA (6 TB Max)	1 SATA (6 TB Max)
Cloud connection	APP & WEB page	APP & WEB page
Bandwidth (IN/OUT)	32 Mbps IN / 32 Mbps OUT	24 Mbps IN / 24 Mbps OUT
Ethernet	1xRJ45 (100Mbps)	1xRJ45 (100Mbps)
Power supply	DC12V-2A	DC48V/1.04A
Dimensions	255x220x45mm	255x220x45mm

NVR / 5MP 8ch

	NVR5-8200X+(MM)	NVR5-8200PX+(MM)
		
Channels	8 Channels	8 Channels
PoE	-	8
Video output	HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768	HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768
Max. Recording	8CH 5MP Real Time	8CH 5MP Real Time
Video compression	H264-h265	H264 - H265
Alarms	None - IPC Inputs/outputs only	None - IPC Inputs/outputs only
Audio	In: IPC inputs only Out: IPC outputs only	In: IPC inputs only Out: IPC outputs only
Playback	8CH	8CH
Backup format	AVI/DAT	AVI/DAT
Browsers	IE	IE
VMS	Yes	Yes
Video analytics	Yes (Must be supported by IPC)	Yes (Must be supported by IPC)
APP smart-phone/Tablet	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)
User connections	5 simultaneously	5 simultaneously
Hard Disk	1 SATA (6 TB Max)	1 SATA (6 TB Max)
Cloud connection	App & WEB page	App & WEB page
Bandwidth (IN/OUT)	40 Mbps IN / 40 Mbps OUT	40 Mbps IN / 40 Mbps OUT
Ethernet	1xRJ45 (100Mbps)	1xRJ45 (100Mbps)
Power supply	DC12V-2A	DC48V-2.5A (12,5W Max x CH)
Dimensions	255x220x45mm	255x220x45mm

NVR / 8MP 8 - 16 ch








	NVR8-8200FA	NVR8-8200PFA	NVR8-16400A(1U)	NVR8-16400FA(1U)	NVR8-16400PFA(1U)
Channels	8 Channels	8 Channels	16 Channels	16 Channels	16 Channels
PoE	-	8	-	-	16
Video output	HDMI (4K,1080P) VGA (1280X1024)	HDMI (4K,1080P) VGA (1280X1024)	HDMI (4K,1080P) VGA (1280X1024)	HDMI (4K,1080P) VGA (1280X1024)	HDMI (4K,1080P) VGA (1280X1024)
Max. Recording	8CH 8MP Real Time	8CH 8MP Real Time	16CH 8MP Real Time	16CH 8MP Real Time	16CH 8MP Real Time
Video compression	H.265 (HEVC) / H.264	H.265 (HEVC) / H.264	H264-H265	H264-H265	H264-H265
Alarms	8 in-4 out (+ Depends on Camera)	8 in-4 out (+ Depends on Camera)	4 IN + Depends on Camera 1 OUT + Depends on Camera	8 IN + Depends on Camera 4 OUT + Depends on Camera	16 IN + Depends on Camera 4 OUT + Depends on Camera
Audio	In: 1 RCA + Depends on Camera Out: 1 RCA	In: 1 RCA + Depends on Camera Out: 1 RCA	In: 1 CH + Depends on Camera Out: 1 RCA	In: 1 CH + Depends on Camera Out: 1 RCA	In: 1 CH + Depends on Camera Out: 1 RCA
Playback	8CH	8CH	16CH	16CH	16CH
Backup format	AVI/DAT	AVI/DAT	AVI/DAT	AVI/DAT	AVI/DAT
Browsers	IE	IE	IE	IE	IE
VMS	Yes	Yes	Yes	Yes	Yes
Video analytics	With IP cameras	With IP cameras	With IP cameras	With IP cameras	With IP cameras
APP smart-phone/Tablet	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)
User connections	10 simultaneously	10 simultaneously	10 simultaneously	10 simultaneously	10 simultaneously
Hard Disk	1 SATA (8 TB Max)	1 SATA (8 TB Max)	2 SATA (8TB each) with Smart Management	2 SATA (8TB each) with Smart Management	2 SATA (8TB each) with Smart Management
Cloud connection	App & WEB page	App & WEB page	App & WEB page	App & WEB page	App & WEB page
Bandwidth (IN/OUT)	80 Mbps IN / 80 Mbps OUT	80 Mbps IN / 80 Mbps OUT	112 Mbps IN / 112 Mbps OUT	160 Mbps IN / 160 Mbps OUT	160 Mbps IN / 160 Mbps OUT
Ethernet	1xRJ45 (1000Mbps)	1xRJ45 (1000Mbps)	1xRJ45 (1000Mbps)	1xRJ45 (1000Mbps)	1xRJ45 (1000Mbps)
Power supply	DC48V/2.5A	DC48V/2.5A	DC12V-3A	DC12V-4A	AC100-240V
Dimensions	375x275x50mm	375x275x50mm	375X275X50mm	375X275X45mm	430x390x70mm

Fisheye support: NVR8-8200FA, NVR8-8200PFA, NVR8-16400FA (1U), NVR8-16400PFA(1U).

NVR / 8MP 32 - 64 - 128 ch

4K

	NVR8-32800F(1U)	NVR8-32800RFA(2U)	NVR8-32800F-16P(2U)	NVR8-641600R(2U)	NVR8-128RT(3U)
					
Channels	32 Channels	32 Channels	32 Channels	64 Channels	128 Channels
PoE	-	-	16	-	-
Video output	HDMI (4K,1080P) VGA(1080P,1280X1024)	HDMI(4K, 1080P,1280X1024) HDMI2+VGA (1080P,1280X1024) 32CH per monitor	HDMI (4K,1080P) VGA(1080P,1280X1024)	HDMI(4K, 1080P,1280X1024) HDMI2+VGA (1080P,1280X1024) 32CH per monitor	HDMI(4K, 1080P,1280X1024) HDMI2+VGA (1080P,1280X1024) 64CH per monitor
Max. Recording	32CH 8MP Real Time	32CH 8MP Real Time	32CH 8MP Real Time	64CH 8MP Real Time	128CH 8MP Real Time
Video compression	H264-H265	H264-H265	H264-H265	H264-H265	H264-H265
Alarms	Depends on Camera	8 in / 4 out + Depends on Camera	16 in/1 out + Depends on Camera	8 in/ 4 out + Depends on Camera	8 in/ 4 out + Depends on Camera
Audio	1 In RCA + 1 Out RCA + Depends on Camera	1 In RCA + 1 Out RCA + Depends on Camera	1 In RCA + 1 Out RCA + Depends on Camera	1 In RCA + 1 Out RCA + Depends on Camera	1 In RCA + 1 Out RCA + Depends on Camera
Playback	16CH	16CH	16CH	16CH	16CH
Backup format	AVI/DAT	AVI/DAT	AVI/DAT	AVI/DAT	AVI/DAT
Browsers	IE, Safari	IE, Safari	IE, Safari	IE, Safari	IE, Safari
VMS	Yes	Yes	Yes	Yes	Yes
Video analytics	With IP cameras	With IP cameras	With IP cameras	With IP cameras	With IP cameras
APP smart-phone/Tablet	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)	ProvisionCam2 (Android-iOS)
User connections	10 simultaneously	20 simultaneously	20 simultaneously	20 simultaneously	20 simultaneously
Hard Disk	2 SATA (8TB each) with Smart Management	8 SATA (8TB each) with Smart Management	8 SATA (8TB each) with Smart Management, 1 ESata Port	8 SATA (8TB each) with Smart Management, 2 ESata Port. RAID support	16 SATA (8TB each) with Smart Management,2 ESata Port. RAID support
Cloud connection	APP & WEB page	APP & WEB page	APP & WEB page	APP & WEB page	APP & WEB page
Bandwidth (IN/OUT)	256 Mbps IN / 256 Mbps OUT	256 Mbps IN / 256 Mbps OUT	256 Mbps IN / 256 Mbps OUT	320 Mbps IN / 320 Mbps OUT	384 Mbps IN / 384 Mbps OUT
Ethernet	1xRJ45 (1000Mbps)	2xRJ45 (1000Mbps)	1xRJ45 (1000Mbps)	2xRJ45 (1000Mbps)	2xRJ45 (1000Mbps)
Power supply	DC12V-4A	AC100-240V	AC100-240V	AC100-240V	AC100-240V
Dimensions	375X375X45mm	430X445X97mm	430X445X97mm	430X445X97mm	440X485X148mm

Fisheye support: NVR8-32800F(1U), NVR8-32800RFA(2U), NVR8-32800F-16P(2U), NVR8-641600R(2U), NVR8-128RT(3U).

IP Switch POE

STANDARD 10/100 Mbps

These PoE switches are the best choice for any standard installation. They are specially designed for IP surveillance giving extra reliability and installation simplicity. With 4/8/16/24 port options, standard uuplinks, and SFP ports (depending on model), they allow finding a solution for any installation.

KEEP ALIVE FUNCTION*

The new switch series can be configured to monitor connected PD's status in real-time via traffic detection. Once traffic of an active port stops for a set duration, the Switch will automatically restart the PoE port power, causing the PD to reboot and bring it back to a working state.

This feature will significantly enhance reliability and reduce administrator management burden.

LCD switch POE

An intuitive color panel placed on the front of the switch facilitates Ethernet management and PoE PD management. Smart and intuitive LCD control, jolts for efficient management in large-scale networks for enterprises, hotels, shopping malls, government buildings, and other public areas, and features some specific management and status functions (PoE/Port management and status, switch mode, budget and bandwidth control, PD alive check, maintenance).

Port priority

The priority is used for cases where the total power consumption is over the entire power budget. In cases like this, the lowest priority port will be turned off, so the switch can provide stable power to a higher priority port. There are three levels of power priorities: low, high, and critical.

Port management

Unused ports can be completely disabled: Random equipment connection won't be possible.

Power management

Administrators can define the maximum power output for each PoE port.

PROFESSIONAL 10/100/1000 MBPS

The 1000Mbps (gigabyte) PoE switches are made for true professionals. The standard switches with 4 or 8 ports were designed for heavy-duty work. The professional 16/24 Port switches, equipped with an LCD monitor, were designed to display all the following PoE system information on the front panel of the device:

- Single channel In/Out power (W)
- Overload (OLP)
- Short circuit (SCP)
- Low voltage / over voltage (alarm)
- High temperature (alarm)

CCTV MODE

The CCTV mode is actually a preconfigured VLAN (Cannot be customized by the user) that prevents all communication among the downlink ports. The CCTV mode also limits the communication to 10Mbps to increase stability. The achieved benefits of CCTV mode are: No communication among downlink ports (VLAN) - improves the network security and data transmission efficiency. Limiting the communication speed to 10Mbps increases the communication distance to a maximum of 250 meters.

1	2	3	4	1	2	3	4			
01	OLP	---	M	631M	08	13.4W	---	M	920M	
02	8.4 W	---	M	921M	09	18.9W	856M	856M		
03	ULP	---	M	---	10	---	W	238M	238M	
04	SCP	125M	---	M	11	OFF	---	M	---	M
05	2.2W	---	M	---	12	23.3W	323M	323M		
06	23.7W	---	M	---	13	5.8W	983M	983M		
07	16.8W	---	M	---	14	7.3W	223M	223M		
5		PB: 300W		TP: 120.0W		PD: 0		Norm		

- 1** - Port Number. Missing ports are displayed in the next page. (Auto switch)
- 2** - Port power consumption
- 3** - Port download real-time bandwidth.
- 4** - Port upload real-time bandwidth.
- 5** - **PB**: the entire switch "PoE budget"
- TP**: "Total power", the total power used
- PD**: Numbers of "PD device"
- Norm**: Status indicator. "Norm" for normal, VLAN and CCTV available

HIGH POWER SWITCH POE 10/100/1000 MBPS

PoES-08(2H)140G+2G



8 + 2 Port Giga Switch PoE

TVCC mode:

- Downlink: 8 x 1Gbps Ports
- Uplink: 2 x 1Gbps Port
- 6 PoE Ports (2 High Power)
- 130W (Avg:16.25W. Max 30W per PoE+ port, 60W per High Power port)
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Complies with IEEE802.3af/at/bt

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Wall Bracket

PoES-0460G+1G(HPD)
(Accessory for PoES-08(2H)140G+2G)



4 PORT GIGA + 1 PORT GIGA POWERED DEVICE POE SWITCH

- 4x1Gbps PoE Ports
- 1x1Gbps Ports (Powered Device)
- 55W (Avg:13.75W Max 30W per ch)
- Power Supplied from High Power PoE*
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Complies With IEEE802.3af/at
- *This device can only be powered by POES-08(2H)140G+2G or POE1-0160

SWITCH POE 10/100 MBPS

PoES-0460C+2I



4+2-PORT 10/100MBPS POE SWITCH

- Downlink: 4x100Mbps Ports
- Uplink: 2x 100Mbps Ports
- 60 Watt (Avg:15W Max: 30W per ch)
- External Power Supply
- Complies with IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthing Connector

PoES-08120C+2I



8+2-PORT 10/100MBPS POE SWITCH

- Downlink: 8x100Mbps Ports
- Uplink: 2x 100Mbps Ports
- 120 Watt (Avg:15W Max: 30W per ch)
- External Power Supply
- Complies with IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthing Connector

PoES-08120C+2GI



8 PORT 10/100MBPS + 2 PORT 1Gbps POE SWITCH

- Downlink: 8x100Mbps Ports
- Uplink: 2x 1Gbps Ports
- 120 Watt (Avg:15W Max: 30W per ch)
- External Power Supply
- Complies with IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthing Connector

SWITCH POE 10/100 MBPS

PoES-16200C+2G



16+2 PORT 10/100MBPS POE SWITCH

- Downlink: 16x100Mbps Ports
- Uplink: 2 x 1Gbps Ports
- 200 Watt (Avg:12.5W Max: 30W per Ch)
- Internal Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Status LED
- Rack mount bracket included

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports

PoES-16300CL+2G+2SFP

FIBER



16 PORT 10/100MBPS +2 COMBO POE SWITCH

- Downlink: 16x100Mbps Ports
- Uplink: 2 x 1Gbps ports or 2 SFP (Combo)
- 300 watt (Avg:18.75w Max: 30W per Ch)
- Internal Power Supply
- Complies with IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection
- COLOR LCD Status Monitor
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports

New

POES 16250CL+2G+2SFP

FIBER



16 Port 10/100Mbps +2 RJ45 + 2SFP PoE

- Downlink: 16x100Mbps Ports
- Uplink: 2x1Gbps + 2x1Gbps SFP Ports
- Color LCD with menu and enhanced features
- 250 watt (Avg:15.6w Max: 30W per Ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance: Up to 100 Meters
- Built-in Surge Protection
- LED Status Monitor
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

PoES-24300C+2G



24+2 PORT 10/100MBPS POE SWITCH

- Downlink: 24x100Mbps Ports
- Uplink: 2 x 1Gbps Ports
- 300 Watt (Avg:12.5w Max: 30W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Status LED

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

POE SWITCH GIGA 10/100/1000 MBPS

New

PoES-24380CL+2G+2SFP

FIBER



24 PORT 10/100MBPS + 2 RJ45 + 2SFP

- Downlink: 24x100Mbps Ports
- Uplink: 2 x 1Gbps Ports or 2 SFP (Combo)
- 380 Watt (Avg:15.75w Max: 30W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Status COLOR LCD Monitor
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

POES 24370CL+2G+2SFP

FIBER



24 Port 10/100Mbps +2 RJ45 + 2SFP PoE

- Downlink: 24x100Mbps Ports
- Uplink: 2x1Gbps + 2x1Gbps SFP Ports
- Color LCD with menu and enhanced features
- 370 watt (Avg:15.4w Max: 30W per Ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance: Up to 100 Meters
- Built-in Surge Protection
- LED Status Monitor
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

PoES-0472GC+2G



4+2 PORT GIGA POE SWITCH

- Downlink: 4 x 10/100/1000Mbps
- Uplink: 2 x 10/100/1000Mbps
- 72 Watt (Avg:18W Max: 30W per ch)
- External Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-In Surge Protection

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports

PoES-08130GCL+2G+2SFP

FIBER



8 +2 RJ45 + 2SFP Giga PoE Switch

- Downlink: 8 x 1Gbps Ports
- Uplink: 2x 1Gbps Ports
- 120 Watt (Avg:15W Max: 30W per ch)
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Built-In LCD For Status Indication
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

POE SWITCH GIGA 10/100/1000 MBPS

PoES-16300GCL+2SFP

FIBER



16+2SFP-PORT GIGA POE SWITCH

- Downlink: 16 x 1Gbps Ports
- Uplink: 2 SFP
- 300 Watt (Avg:18W Max: 30W per ch)
- Internal Power Supply
- Complies with IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-In Surge Protection
- Built-In COLOR LCD For Status Indication
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

New

POES 16250GCL+2SFP

FIBER



16 Port Giga PoE Switch

- 2 SFP Uplink ports
- All Ports Act As Both Downlink/Uplink (not in CCTV/ VLAN modes)
- Color LCD with menu and enhanced features
- 250 Watt (Avg:15.6W Max: 30W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance: Up to 100 Meters
- Built-In Surge Protection
- Built-In LCD For Status Indication
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

PoES-24380GCL+2SFP

FIBER



24+2SFP-PORT GIGA POE SWITCH

- Downlink: 24 x 1Gbps Ports
- Uplink: 2 SFP
- 380 Watt (Avg:15,8W Max: 30W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-In Surge Protection
- Built-In COLOR LCD For Status Indication
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

New

POES 24370GCL+2SFP

FIBER



24 Port Giga PoE Switch

- 2 SFP Uplink ports
- All Ports Act As Both Downlink/Uplink (not in CCTV/ VLAN modes)
- Color LCD with menu and enhanced features
- 370 Watt (Avg:15.4W Max: 30W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at Power Over Ethernet.
- Distance: Up to 100 Meters
- Built-In Surge Protection
- Built-In LCD For Status Indication
- **Keep alive function**

CCTV mode:

- Up to 250 meters at 10Mbps
- Vlan function: no communication among downlink ports
- Rack mount bracket included

POE ACCESSORIES

PoESP-0124W

1 CH POE ETHERNET SPLITTER



- Adjustable output 5VDC/2A, or 9VDC/2A or 12VDC/2A
- Maximum Power Output: Up To 24W.
- Short-Circuit Protection.
- High Efficiency DC/DC Converter
- Complies with IEEE802.3 AF/AT Power Over Ethernet

PoESP-0172W

1 CH POE ETHERNET SPLITTER



- 24VDC / 3A Output
- Maximum Power Output: Up To 72W*.
- Short-Circuit Protection.
- High Efficiency DC/DC Converter
- Complies With IEEE802.3af/at/bt Power Over Ethernet
- DC Jack / Terminal Connector Output

PoEI-0130 / PoEI-0160

1 CH POE ETHERNET INJECTOR



- Downlink: 1x 100 Mbps
- Output: PoEI-0130 max 30W - PoEI-0160 max 60W
- Internal power supply
- Complies with IEEE802.3 at PoE
- Distance: up to 100 Meters
- Built-in surge protection

PoER-01

1 CH POE EXTENDER (REPEATER)



- Extends PoE Ethernet range up to additional 100 meters 10/100Mbps Ethernet
- No additional power supply is required
- Automatically detects and protects PoE equipment from being damaged by incorrect installation
- Complies with IEEE802.3 at PoE

PoER-02

1 TO 2 CH POE EXTENDER (REPEATER)



- Allows PoE + Video transmission of 2 cameras over 1 Ethernet cable.
- Extends PoE range up to additional 150 Meters
- 10/100Mbps Ethernet
- 2 Ch Output
- No additional power supply is required
- Automatically detects and protects PoE equipment from being damaged by incorrect installation
- Compliance with IEEE802.3 10BASE-T, IEEE802.3U 100BASE-TX, IEEE802.3af/at, Standards
- Wall Bracket/Earthing Terminal

DCoE-01

NON-POE POWER OVER ETHERNET CONVERTER



- Set-Transmitter/Receiver
- 50 Meters working distance
- Camera DC power supply needed
- Supplies DC power input to the camera - Not PoE

HD Technology V2 Series



Pro V2

Series dedicated to the installer looking for a high-level camera emphasizing the difference in image quality.

Discover more on page 70

UltraV2

Series dedicated to the installer looking for a premium-level camera able to guarantee excellent performances under extreme light conditions.

Discover more on page 75

Sirius

Designed to enhance surveillance capabilities in the dark and deliver 24h fantastic color images, Sirius HD cameras rely on a state-of-the-art sensor and extremely advanced lenses.

Discover more on page 77

Provision-ISR HD range also includes:

- A series of PTZ cameras for wide-area coverage
- A series of SPECIAL CAMERAS specifically designed for non-conventional applications (box, hidden and PIR cameras)

HD V2

Main features

Focus

Comparison based on main features

Have a look at the main differences among Pro (V2), Ultra (V2), and Sirius.

	RESOLUTION			WDR		NOISE REDUCTION		IR TYPE		FULL TIME COLOR	
	2MP	5MP	8MP	DIGITAL	TRUE	2D-DNR	3D-DNR	SMART	VISIBLE LIGHT	YES	NO
PRO (V2)	●	●	●	●			●	●			●
ULTRA (V2)	●				●		●	●			●
SIRIUS	●				●		●		●	●	

HD V2 Cameras

Model name index

HD Cameras

example	Category	Sub-Category	CMOS size	Resolution	Lux	Solution	Lens	Color
	D	1	3	8	0	A	28	G
	I	2	3	8	0	A	28	

Category	Sub-Category	CMOS size	Resolution	LUX	Solution	Lens	Color
B	Body	X No subcategory	2/9 2 MP	0 0 (IR on)	A 4 in 1 Pro	28 2.8mm	G Grey
D	Dome	AI Anti vandal (IR)	4 4 MP	1 0.01	AU 4 in 1 Ultra	36 3.6mm	
I	Infra Red (IR) Bullet	C Pinhole cone shape	5 5 MP	2 0.01 ~ 0.1	AS 4 in 1 Sirius	37 3.7mm	
M	Mini	I Infra red (IR)	8 8 MP			VF Vari-focal	
T	Tube camera	L Spotlight shape				MVF Motorized VF (with auto focus)	
		PT Pan/Tilt					
		S Smoke detector					
		V PIR detector					
		W Snake					
		2 IR 20 m					
		4 IR 40-60 m					
		VL Visible light					

PTZ

example	IR distance	Category	CMOS	Resolution	LUX	Solution	Zoom
	15	PT	3	9	0	IP	X4

IR distance	Category	CMOS	Resolution	LUX	Solution	Zoom
15 50 m	PT Pan Tilt	3 ~1/3"	9 2 MP	0 0(IRon)	A HD	X4 x4 zoom
110 100 m						X10 x10 zoom

Speed dome

example	Category	Lens	Solution	Resolution	Special features
	MZ	10	A	2	(IR)
	ZP	20	A	2	(IR)

Category	Lens	Solution	Resolution	Special features
MZ Mini Speed dome	10 x10 zoom	A HD	2 2 MP	(IR) Infra Red
ZE/ZP Speed dome	20 x20 zoom			

HD series









Pro V2

Series dedicated to the installer looking for a high-level camera emphasizing the difference in image quality. The cameras belonging to the Pro series are suitable for both indoor or outdoor applications where professional video surveillance is required.

2MP - 5MP - 8MP



Pro (V2) / 2 MP

	DI-320A-28	DI-320A-VF	DI-320A-VF-G	I2-320A-28	I4-320A-28	I4-320A-VF	I4-320A-VF-G
							
Image sensor	1/2.9" 2MP (16:9)	Sensor: 1/2.9" 2MP Sensor		1/2.9" 2MP Sensor	1/2.9" 2MP Sensor	1/2.9" 2MP Sensor	
Effective Pixels	1936x1096	1936x1096		1936x1096	1936x1096	1936x1096	
Frame rate	25/30FPS	25/30FPS		25/30FPS	25/30FPS	25/30FPS	
Day/night	True Day&Night-ICR	True Day&Night-ICR		True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR	
Resolution	2MP: 1920x1080 AHD/TVI/CVI 1MP: 1280x720 AHD/TVI/CVI CVBS: 700TVL	MP: 1920x1080 AHD/TVI/CVI 1MP: 1280x720 AHD/TVI/CVI CVBS: 700TVL		2MP: 1920x1080 AHD/TVI/CVI 1MP: 1280x720 AHD/TVI/CVI CVBS: 700TVL	2MP: 1920x1080 AHD/TVI/CVI 1MP: 1280x720 AHD/TVI/CVI CVBS: 700TVL	2MP: 1920x1080 AHD/TVI/CVI 1MP: 1280x720 AHD/TVI/CVI CVBS: 700TVL	
Min. Illumination	Color: 0.005lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.005lux @F1.2, AGC ON B/W: 0lux with IR		Color: 0.005lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.005lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.005lux @F1.2, AGC ON B/W: 0lux with IR	
Lens	2.8mm Fixed (88°)	2.8-12mm Vari-Focal (88°-33°)		2.8mm Fixed (88°)	2.8mm Fixed (88°)	2.8-12mm Vari-Focal (88°-33°)	
IR LED	1 LED Array (20m)	3 LED Array (40m)		1 LED Array (20m)	2 LED Array (40m)	2 LED Array (40m)	
Image enhancement	Digital WDR	Digital WDR		Digital WDR	Digital WDR	Digital WDR	
Noise reduction	3D-DNR	3D-DNR		3D-DNR	3D-DNR	3D-DNR	
Privacy mask	No	No		No	No	No	
S/N Ratio	≥52dB (AGC OFF)	≥52dB (AGC OFF)		≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)	
D-Effect	No	No		No	No	No	
OSD Menu	Available via CoC Only	Available via CoC Only		Available via CoC Only	Available via CoC Only	Available via CoC Only	
CoC Support	Yes	Yes		Yes	Yes	Yes	
White balance	Auto / Manual	Auto / Manual		Auto / Manual	Auto / Manual	Auto / Manual	
Video output	2MP / 1MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	2MP / 1MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)		2MP / 1MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	2MP / 1MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	2MP / 1MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	
Power supply	DC12V/270mA	DC12V/620mA		DC12V/320mA	DC12V/470mA	DC12V/560mA	
Working temperature	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity		-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	
IP Rating	IP67	IP67		IP67	IP67	IP67	
Dimensions	∅ 97*82.6mm	∅ 113*99.6mm		172.2*73.4*74.5mm	220.8*79.4*81.2mm	220.8*79.4*81.2mm	
Junction box	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A		PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	

Pro (V2) / 5 MP

	DI-350A-28	DI-350A-VF	DI-350A-MVF	DI-350A-MVF-G	DAI-350A-MVF
					
Image sensor	1/2.7" 5MP Sensor (5MP - 4:3, 4MP - 16:9)	1/2.7" 5MP Sensor (5MP - 4:3, 4MP - 16:9)	1/2.7" 5MP Sensor (5MP - 4:3, 4MP - 16:9)	1/2.7" 5MP Sensor (5MP - 4:3, 4MP - 16:9)	1/2.7" 5MP Sensor (5MP - 4:3, 4MP - 16:9)
Effective Pixels	2608x1960	2608x1960	2608x1960	2608x1960	2608x1960
Frame rate	25/30FPS	25/30FPS	25/30FPS	25/30FPS	25/30FPS
Day/night	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR
Resolution	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL
Min. Illumination	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR
Lens	2.8mm Fixed (91°)	2.8-12mm Vari-Focal (84°-32°)	2.8-12mm Motorized Vari-Focal (84°-32°)	2.8-12mm Motorized Vari-Focal (84°-32°)	2.8-12mm Motorized Vari-Focal (84°-32°)
IR LED	1 LED Array (20m)	3 LED Array (40m)	3 LED Array (40m)	3 LED Array (40m)	3 LED Array (40m)
Image enhancement	Digital WDR, BLC	Digital WDR, BLC	Digital WDR, BLC	Digital WDR, BLC	Digital WDR, BLC
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	No	No	No	No	No
S/N Ratio	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)
D-Effect	Mirror + Flip	Mirror + Flip	Mirror + Flip	Mirror + Flip	Mirror + Flip
OSD Menu	Available via CoC Only	Available via CoC Only	Available via CoC Only	Available via CoC Only	Available via CoC Only
CoC Support	Yes	Yes	Yes	Yes	Yes
White balance	Auto / Auto->Set	Auto / Auto->Set	Auto / Auto->Set	Auto / Auto->Set	Auto / Auto->Set
Video output	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS (Selectable)
Power supply	DC12V/280mA	DC12V/620mA	DC12V/620mA	DC12V/620mA	DC12V/600mA
Working temperature	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity
IP Rating	IP67	IP67	IP67	IP67	IP67, IK10
Dimensions	Ø 97*82.6mm	Ø 113*99.6mm	Ø 113*99.6mm	Ø 113*99.6mm	Ø 140.9*100.3mm
Junction box	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JBA14IP66

Pro (V2) / 5 MP

	I2-350A-28	I4-350A-28	I4-350A-VF	I4-350A-MVF
				
Image sensor	1/2.7" 5MP Sensor (5MP - 4:3. 4MP - 16:9)	1/2.7" 5MP Sensor (5MP - 4:3. 4MP - 16:9)	1/2.7" 5MP Sensor (5MP - 4:3. 4MP - 16:9)	1/2.7" 5MP Sensor (5MP - 4:3. 4MP - 16:9)
Effective Pixels	2608x1960	2608x1960	2608x1960	2608x1960
Frame rate	25/30FPS	25/30FPS	25/30FPS	25/30FPS
Day/night	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR
Resolution	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL
Min. Illumination	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W: 0lux with IR
Lens	2.8mm Fixed (91°)	2.8mm Fixed (91°)	2.8-12mm Vari-Focal (84°-32°)	2.8-12mm Motorized Vari-Focal (84°-32°)
IR LED	1 LED Array (20m)	2 LED Array (40m)	2 LED Array (40m)	2 LED Array (40m)
Image enhancement	Digital WDR, BLC	Digital WDR, BLC	Digital WDR, BLC	Digital WDR, BLC
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	No	No	No	No
S/N Ratio	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)
D-Effect	Mirror + Flip	Mirror + Flip	Mirror + Flip	Mirror + Flip
OSD Menu	Available via CoC Only	Available via CoC Only	Available via CoC Only	Available via CoC Only
CoC Support	Yes	Yes	Yes	Yes
White balance	Auto / Auto->Set	Auto / Auto->Set	Auto / Auto->Set	Auto / Auto->Set
Video output	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)
Power supply	DC12V/320mA	DC12V/470mA	DC12V/560mA	DC12V/660mA
Working temperature	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity
IP Rating	IP67	IP67	IP67	IP67
Dimensions	172.2*73.4*74.5mm	220.8*79.4*81.2mm	220.8*79.4*81.2mm	220.8*79.4*81.2mm
Junction box	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64

Pro (V2) / 8 MP

	DI-380A-28	DI-380A-MVF	DAI-380A-MVF	I2-380A-28	I4-380A-MVF
					
Image sensor	1/2.5" 8MP Sensor (8MP/4MP - 16:9, 5MP - 4:3)	1/2.5" 8MP Sensor (8MP/4MP - 16:9, 5MP - 4:3)	1/2.5" 8MP Sensor (8MP/4MP - 16:9, 5MP - 4:3)	1/2.5" 8MP Sensor (8MP/4MP - 16:9, 5MP - 4:3)	1/2.5" 8MP Sensor (8MP/4MP - 16:9, 5MP - 4:3)
Effective Pixels	3864x2202	3864x2202	3864x2202	3864x2202	3864x2202
Frame rate	8MP @ 12/15FPS, 5MP @ 20FPS, 4MP @ 25/30FPS, CVBS @ 25/30FPS	8MP @ 12/15FPS, 5MP @ 20FPS, 4MP @ 25/30FPS, CVBS @ 25/30FPS	8MP @ 12/15FPS, 5MP @ 20FPS, 4MP @ 25/30FPS, CVBS @ 25/30FPS	8MP @ 12/15FPS, 5MP @ 20FPS, 4MP @ 25/30FPS, CVBS @ 25/30FPS	8MP @ 12/15FPS, 5MP @ 20FPS, 4MP @ 25/30FPS, CVBS @ 25/30FPS
Day/night	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR	True Day&Night-ICR
Resolution	8MP: 3840x2160 AHD/TVI/CVI 5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	8MP: 3840x2160 AHD/TVI/CVI 5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	8MP: 3840x2160 AHD/TVI/CVI 5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	8MP: 3840x2160 AHD/TVI/CVI 5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	8MP: 3840x2160 AHD/TVI/CVI 5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL
Min. Illumination	Color: 0.01lux @F1.2, AGC ON B/W:0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W:0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W:0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W:0lux with IR	Color: 0.01lux @F1.2, AGC ON B/W:0lux with IR
Lens	2.8mm Fixed (89.3°)	2.8-12mm Motorized Vari-Focal (78°-31.3°)	2.8-12mm Motorized Vari-Focal (83.5°-32°)	2.8mm Fixed (95°)	2.8-12mm Motorized Vari-Focal (82.5°-31.5°)
IR LED	1 LED Array (20m)	3 LED Array (40m)	3 LED Array (40m)	1 LED Array (20m)	2 LED Array (40m)
Image enhancement	Digital WDR , BLC	Digital WDR , BLC	BLC Digital WDR , BLC	Digital WDR , BLC	Digital WDR , BLC
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy mask	No	No	No	No	No
S/N Ratio	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)	≥52dB (AGC OFF)
D-Effect	No	No	No	No	No
OSD Menu	Available via CoC Only	Available via CoC Only	Available via CoC Only	Available via CoC Only	Available via CoC Only
CoC Support	Yes	Yes	Yes	Yes	Yes
White balance	Auto	Auto	Auto	Auto	Auto
Video output	8MP/5MP/4MP (Selected by OSD menu) AHD/TVI/CVI+ PAL/NTSC (Selected by DIP Switch)	8MP/5MP/4MP (Selected by OSD menu) AHD/TVI/CVI+ PAL/NTSC (Selected by DIP Switch)	8MP/5MP/4MP (Selected by OSD menu) AHD/TVI/CVI+ PAL/NTSC (Selected by DIP Switch)	8MP/5MP/4MP (Selected by OSD menu) AHD/TVI/CVI+ PAL/NTSC (Selected by DIP Switch)	8MP/5MP/4MP (Selected by OSD menu) AHD/TVI/CVI+ PAL/NTSC (Selected by DIP Switch)
Power supply	DC12V/340mA	DC12V/650mA	DC12V/650mA	DC12V/340mA	DC12V/710mA
Working temperature	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity
IP Rating	IP67	IP67	IP67, IK10	IP67	IP67
Dimensions	∅ 97*82.6mm	∅ 113*99.6mm	∅ 140.9*100.3mm	172.2*73.4*74.5mm	220.8*79.4*81.2mm
Junction box	PR-JB12IP66 - PR-JB12IP64 - PR-WB-A	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A	PR-JBA14IP66	PR-JB12IP66 - PR-JB12IP64	PR-JB12IP66 - PR-JB12IP64

HD series

Ultra (V2)

Series dedicated to the installer looking for a premium-level camera able to guarantee excellent performances under extreme light conditions. The series can count on both increased wide dynamic range and sensor top quality. Ultra cameras find their best application in any area where lighting is a challenge.

2MP



Ultra (V2) / 2 MP

	DI-320AU-MVF	DI-320AU-MVF-G	DAI-320AU-VF	I4-320AU-MVF
				
Image sensor	Sensor: 1/2.8" 2MP Sensor		Sensor: 1/2.9" 2MP Sensor	Sensor: 1/2.8" 2MP Sensor
Effective Pixels	1945x1109		1945x1109	1945x1109
Frame rate	25/30FPS		25/30FPS	25/30FPS
Day/night	True Day&Night-ICR		True Day&Night-ICR	True Day&Night-ICR
Resolution	2MP: 1920x1080 AHD/TVI/CVI CVBS: 700TVL		2MP: 1920x1080 AHD/TVI/CVI 1MP: 1280x720 AHD/TVI/CVI CVBS: 700TVL	2MP: 1920x1080 AHD/TVI/CVI CVBS: 700TVL
Min. Illumination	Color: 0.001lux @F1.2, AGC ON B/W:0lux with IR		Color: 0.001lux @F1.2, AGC ON B/W:0lux with IR	Color: 0.001lux @F1.2, AGC ON B/W:0lux with IR
Lens	2.8-12mm Motorized Vari-Focal (96°-34°)		2.8-12mm Vari-Focal (88°-33°)	2.8-12mm Motorized Vari-Focal (96°-34°)
IR LED	3 LED Array (40m)		3 LED Array (40m)	2 LED Array (40m)
Image enhancement	True (120dB) + Digital, BLC/HLC		True (120dB) + Digital	True (120dB) + Digital, BLC/HLC
Noise reduction	3D-DNR		3D-DNR	3D-DNR
Privacy mask	Yes		Yes	Yes
S/N Ratio	≥52dB (AGC OFF)		≥52dB (AGC OFF)	≥52dB (AGC OFF)
D-Effect	Mirror + Flip		No	Mirror + Flip
OSD Menu	Available via CoC Only		Available via CoC Only	Available via CoC Only
CoC Support	Yes		Yes	Yes
White balance	Auto		Auto / Manual	Auto
Video output	2MP AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)		2MP AHD/TVI/CVI/CVBS (Selectable)	2MP AHD/TVI/CVI/CVBS + PAL/NTSC (Selected by DIP Switch)
Power supply	DC12V/660mA		DC12V/660mA	DC12V/620mA
Working temperature	-30°C ~ 50°C, 10% ~ 90% humidity		-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity
IP Rating	IP67		IP67, IK10	IP67
Dimensions	Ø 113*99.6mm		Ø 140.9*100.3mm	220.8*79.4*81.2mm
Junction box	PR-JB14IP66 - PR-JB14IP64 - PR-WB-A		PR-JBA14IP66	PR-JB12IP66 - PR-JB12IP64

HD series

Sirius

Excellent brightness and vivid chromatic images: these are the key strengths of our brand-new SIRIUS CAMERAS. Designed to enhance surveillance capabilities in the dark and deliver 24h fantastic color images, Sirius HD cameras rely on a state-of-the-art sensor and extremely advanced lenses.

The extra-wide F1.0 aperture of the lens allows more light to enter, and two visible smart LEDs provide the camera with the minimal required illumination of 0.0001Lux.

The application scenarios of Sirius full colors night cameras include: public areas with no light, night security at industrial complexes, traffic intersections in low-light environments, and all those areas featuring critical lighting conditions.

2MP



Sirius / 2 MP



TVL-391AS36



DVL-391AS36



Image sensor	1/2.8" CMOS – 2MP (16:9)	1/2.8 CMOS – 2MP (16:9)
Effective Pixels	1945(H)×1097(V)	1945(H)×1097(V)
Frame rate	25/30FPS	25/30FPS
Day/night	Full Time Color (Colored Night)	Full Time Color (Colored Night)
Resolution	Digital:1920x1080 Analog:960H	Digital:1920x1080 Analog:960H
Min. Illumination	0.0001Lux	0.0001Lux
Lens	3.6mm F1.0 (87°)	3.6mm F1.0 (87°)
IR LED	2 White LED (Off/Adaptive/Full)	2 White LED (Off/Adaptive/Full)
Image enhancement	Off/BLC/True WDR@30FPS (120dB)	Off/BLC/True WDR@30FPS (120dB)
Noise reduction	3D-DNR For HD Analog, 2D-DNR For CVBS	3D-DNR For HD Analog, 2D-DNR For CVBS
Privacy mask	On/Off (16 Areas)	On/Off (16 Areas)
S/N Ratio	≥60dB (AGC Off)	≥60dB (AGC Off)
D-Effect	Freeze, Mirror	Freeze, Mirror
OSD Menu	Available via CoC Only	Available via CoC Only
CoC Support	Yes	Yes
White balance	ATW, Manual	ATW, Manual
Video output	AHD/CVI/TVI/CVBS selectable via DIP switch	AHD/CVI/TVI/CVBS selectable via DIP switch
Power supply	DC12V±10%, ~420mA	DC12V±10%, ~420mA
Working temperature	-30°C ~ 50°C, 10% ~ 90% humidity	-30°C ~ 50°C, 10% ~ 90% humidity
IP Rating	IP66	IP66
Dimensions	206.5x67.6x68.5mm	104x82x93.2mm
Junction box	PR-B37JB	PR-B37JB

Special cameras / 2 - 4MP

	IV-390A37 V2	IV-390A37-UTP	IV-350A37	BX-391A
				
Image sensor	1/3" CMOS - 2MP (16:9)	1/3" CMOS - 2MP (16:9)	1/2.8" 5MP Sensor	1/2.7" CMOS - 2MP (16:9)
Effective Pixels	1984(H)×1225(V)	1984(H)×1225(V)	2608×1960	1984(H)×1225(V)
Frame rate	25/30FPS	25/30FPS	25/30FPS	25/30FPS
Day/night	True Day&Night (ICR)	True Day&Night (ICR)	True Day&Night-ICR	EXT, Color, B&W, Auto
Resolution	Digital:1920x1080 Analog:960H	Digital:1920x1080 Analog:960H	5MP: 2592x1944 AHD/TVI 4MP: 2560x1440 AHD/TVI/CVI CVBS: 700TVL	Digital:1920x1080 Analog:960H
Min. Illumination	0.01 Lux (0 Lux with IR On)	0.01Lux (0Lux with IR on)	Color 0.01Lux @F1.2, AGC ON B/W 0lux with IR	0.001Lux
Lens	3.7mm Pinhole Lens (78°)	3.7mm Pinhole Lens (83°)	3.7mm Fixed Lens	CS Mount
IR LED	10m (18 IR LED)	10m (36 IR LED)	36pcs (10m)	
Image enhancement	Off/BLC/HSBLC	Off/BLC/HSBLC	BLC	Off/BLC/HSBLC
Noise reduction	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS	3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS)	3D-DNR	3D-DNR For AHD / 2D-DNR For CVBS
Privacy mask	On/Off (4 Areas)	On/Off (4 areas)	-	On/Off (4 Areas)
S/N Ratio	≥72dB (AGC Off)	≥80dB (AGC Off)	≥52dB(AGC OFF)	≥80dB (AGC Off)
D-Effect	Freeze, Mirror, Negative Image	Freeze, Mirror, Negative Image	Mirror + Flip	Freeze, Mirror, Negative Image
OSD Menu	Available via CoC Only (11 Languages)	Available via CoC Only (11 Languages)	Available via CoC Only	Available (11 Languages)
CoC Support	Yes	Yes	Yes	Yes
White balance	ATW,AWC,Indoor,Outdoor,Manual,AWB	ATW,AWC,Indoor,Outdoor,Manual,AWB	Auto / Auto->Set	ATW,AWC,Indoor,Outdoor,Manual,AWB
Video output	AHD/CVI/TVI/CVBS selectable via DIP switch	AHD / CVI (4MP Only) / TVI / CVBS + PAL/NTSC (Selectable by DIP switch)	5MP / 4MP (Selected by OSD Menu) AHD/TVI/CVI/CVBS (Selectable)	AHD / CVI / TVI / CVBS (Signal Selectable via Back Panel Controller)
Power supply	DC12V±10%, ~212mA	DC12V±10%, ~310mA	DC12V/300mA	DC12V±10%, ~80mA
Working temperature	-10°C~+50°C	-20°C~+50°C	-20°C~+50°C 90% Humidity	-20°C~+50°C (-4°F~+122°F)
IP Rating	-	-	-	-
Dimensions	104x60x66mm	95x69.5x58mm	104x70.8x93.2mm	139x68x62mm
Junction box	-	-	-	-

Special cameras / 2MP

	MW-392A37 	MC-392A37 	DL-392A37 	DS-392A37 
Image sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Effective Pixels	1984(H)×1225(V)	1984(H)×1225(V)	1984(H)×1225(V)	1984(H)×1225(V)
Frame rate	25/30FPS	25/30FPS	25/30FPS	25/30FPS
Day/night	Yes	Yes	Yes	Yes
Resolution	Digital:1920x1080 Analog:960H	Digital:1920x1080 Analog:960H	Digital:1920x1080 Analog:960H	Digital:1920x1080 Analog:960H
Min. Illumination	0.01Lux	0,01lux	0,01lux	0,01lux
Lens	3.7mm Pinhole Lens (83°)	3.7mm Pinhole Lens (78°)	3.7mm Pinhole Lens (78°)	3.7mm Pinhole Lens (78°)
IR LED	-	-	-	-
Image enhancement	Off/BLC/HSBLC	Off/BLC/HSBLC	Off/BLC/HSBLC	Off/BLC/HSBLC
Noise reduction	3D-DNR For AHD / CVI / TVI, 2D-DNR For CVBS	3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS)	3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS)	3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS)
Privacy mask	On/Off (4 areas)	On/Off (4 areas)	On/Off (4 areas)	On/Off (4 areas)
S/N Ratio	≥60dB (AGC Off)	≥72dB (AGC Off)	≥72dB (AGC Off)	≥72dB (AGC Off)
D-Effect	Freeze, Mirror, Negative Image	Freeze, Mirror, Negative Image	Freeze, Mirror, Negative Image	Freeze, Mirror, Negative Image
OSD Menu	Available(11 Languages, AHD/CVBS Output Selectable)	Available via CoC only, 11 Languages	Available(11 Languages, AHD/CVBS Output Selectable)	Available(11 Languages, AHD/CVBS Output Selectable)
CoC Support	Yes	Yes	Yes	Yes
White balance	ATW,AWC,Indoor,Outdoor,Manual,AWB	ATW,AWC,Indoor,Outdoor,Manual,AWB	ATW,AWC,Indoor,Outdoor,Manual,AWB	ATW,AWC,Indoor,Outdoor,Manual,AWB
Video output	AHD / CVI / TVI / CVBS (Selectable by DIP switch)	AHD / CVI / TVI / CVBS (Selectable by DIP switch)	AHD / CVI / TVI / CVBS (Selectable by DIP switch)	AHD / CVI / TVI / CVBS (Selectable by DIP switch)
Power supply	DC12V±10%, ~80mA	DC12V±10%, ~72mA	DC12V±10%, ~72mA	DC12V±10%, ~72mA
Working temperature	-20°C~+50°C	-10°C~+50°C	-10°C/+50°C	-10°C/+50°C
IP Rating	-	-	-	-
Dimensions	Lens Mount: 14.75x14.75x9.5mm + 1m Cable	35x35x10mm	Ø90x55mm	Ø125x50mm
Junction box	-	-	-	-

PTZ / 2MP

	I5PT-390AX4	I5PT-390AX10	MZ-10A-2(IR)	ZE-20A-2(IR)	ZP-20A-2(IR)
					
Image sensor	1/3" CMOS – 2MP (16:9)	1/3" CMOS – 2MP (16:9)	1/3" CMOS – 2MP (16:9)	1/2.8" CMOS – 2MP (16:9)	1/2.8" CMOS – 2MP (16:9)
Effective pixels	1984X1105	1984X1105	1920x1080	1920x1080	1920x1080
Max. resolution	AHD/CVI/TVI - 1080P Analog: 700TVL	AHD/CVI/TVI - 1080P Analog: 700TVL	AHD/CVI/TVI - 1080P Analog: 700TVL	AHD/CVI/TVI - 1080P ANALOG: 700TVL	AHD/CVI/TVI - 1080P ANALOG: 700TVL
Zoom/Lens	Optical zoom 4X / 2.8-12mm H: 81.2°(Wide) to 22.6°(Tele) V: 51.5°(Wide) to 12.8°(Tele)	Optical zoom 10X / 5,1-52mm H: 50.4°(Wide) to 5.4°(Tele) V: 29.7°(Wide) to 3°(Tele)	Optical zoom x10 (4.7-47mm) H: 54.7 (Wide) to 5.8 (Tele) V: 32.1 (Wide) to 3.3 (Tele)	Optical zoom 20X / 4.9-97mm H: 56.2° (Wide) to 3.1° (Tele) V: 33.4° (Wide) to 1.7° (Tele)	Optical zoom 20X / 4.9-97mm H: 56.2° (Wide) to 3.1° (Tele) V: 33.4° (Wide) to 1.7° (Tele)
Min. illumination	0,01lux (0lux IR On)	0,01lux (0lux IR On)	0,005 lux (0lux IR On)	0,01lux (0lux IR On)	0,01lux (0lux IR On)
Motion detection	Yes	Yes	-	Yes	Yes
Pan/Tilt range	250° horizontal - 65° vertical	250° horizontal - 65° vertical	360° (Endless)/ 180° (Auto Flip)	360° (Endless)/ 180° (Auto Flip)	360° (Endless)/ 180° (Auto Flip)
Pan/Tilt speed	12°/Sec (max. speed)	12°/Sec (max. speed)	Pan - 200°/Sec Tilt: 30°/Sec	H: 60°/s, V: 60°/s H: 0.01°/s - 60°/s, V: 0.01°/s - 45°/s	H: 350°/s, V: 120°/s H: 0.01°/s - 120°/s, V: 0.01°/s - 100°/s
IR distance	50m (IR LED ARRAY)	50m (IR LED ARRAY)	60m IR LED	100m IR LED Array	100m IR LED Array
Day&Night	ICR (Auto Day/Night)	ICR (Auto Day/Night)	Auto/Day/Night (ICR)	Auto/Day/Night (ICR)	Auto/Day/Night (ICR)
Noise reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Focus	Semi-auto	Semi-auto	Auto / Manual	Auto/Manual	Auto/Manual
PTZ control	RS485/COC	RS485/COC	RS485/COC	RS485/COC	RS485/COC
Video output	PAL/NTSC - AHD/CVI/TVI/CVBS Selectable by Preset	PAL/NTSC - AHD/CVI/TVI/CVBS Selectable by Preset	PAL/NTSC - AHD/CVI/TVI/CVBS Selectable by Preset	PAL/NTSC - AHD/CVI/TVI/CVBS Selectable by Preset	PAL/NTSC - AHD/CVI/TVI/CVBS Selectable by Preset
Protocols	PELCO D, COC	PELCO D, COC	PELCO D/ PELCO P, COC	CoC / Pelco-D/P	CoC / Pelco-D/P
Alarms	-	-	-	-	-
Operation temperature	-20°C/+50°C	-20°C/+50°C	-20~+60°C	-20°C/+50°C	-20°C/+50°C
Power supply	DC12V/2A	DC12V/2A	DC12V/2A	12VDC/2A	124VAC/3A
Dimensions	255X175X94mm	255X175X94mm	208X251X136mm	290X290X420mm	290X290X420mm
IP Rating	IP66	IP66	IP66	IP66	IP66
Junction Box	-	-	pag 98	pag 98	pag 98



DVR Digital Video Recorders

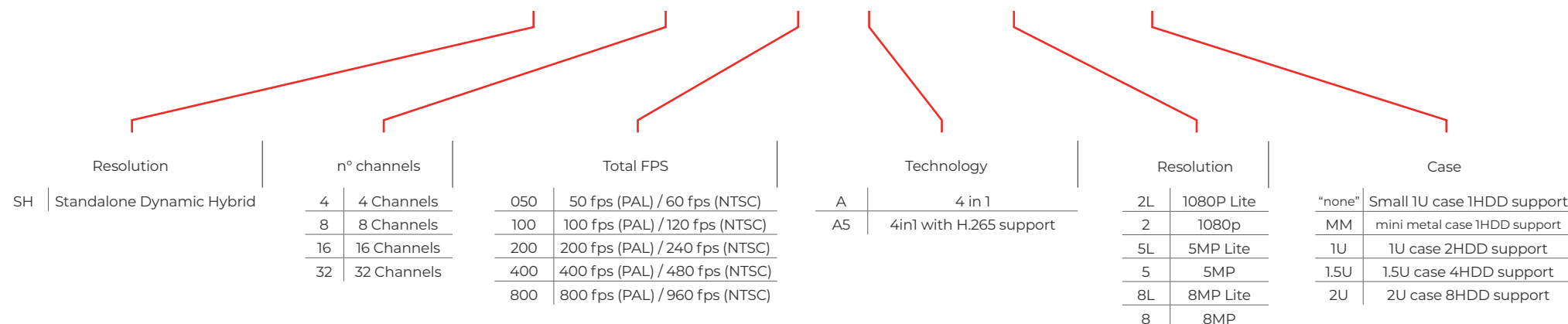
DVR systems are the “heart” of any CCTV installation. All information streamed from the cameras accumulates in the DVR. The DVR captures the video signal coming from the camera, converts and saves it in digital format. Therefore, the DVR’s quality is as important as the cameras’ when it comes down to the final video resolution. Moreover, since all the recording data is saved and rewritten repeatedly on the DVR, it must be an extremely reliable and high-standard product. Provision-ISR DVRs are designed and manufactured according to researched and practiced knowledge over many years of experience. All DVRs use the advanced H.264-H.265 video compression format to deliver maximum video quality while using minimum storage volume.

Provision-ISR DVRs are made of the highest quality components and are adapted to work in a wide range of different conditions and applications. All of our DVRs stand out for their “full feature” operating system with a user-friendly graphical interface running from its powerful processor. Depending on the model, our DVRs include digital VGA and HDMI monitor out, analog video out, audio in/out, RS-485 for PTZ control, and alarm in/alarm out sockets.




The range of DVRs is also supported by a robust network function for remote monitoring, complete remote configuration and mobile device application for remote monitoring.

Model name index


example	SH	-	4	100	A	-	2L	MM
	SH	-	32	200	A5	-	8	2U



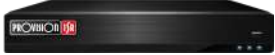




HYBRID DVR / 2MP LITE

	SH-4100A-2L(MM)	SH-4100A5-2L(MM)	Coming soon SH-4100A5N-2L(MM)	SH-8100A5-2L(MM)	Coming soon SH-8100A5N-2L(MM)	SH-16200A5-2L(MM)	Coming soon SH-16200A5N-2L(MM)	
								
Channels	5 Channels		6 Channels	10 Channels		18 Channels	18 Channels	
Hybrid Modes	4 ... 0 + + + 1 ... 5		4 + 2	8 ... 0 + + + 2 ... 10		16 ... 8 + + + 2 ... 10	16 + 2	
Video output	HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768		HDMI(1920x1080), VGA(1280x1024, 1024x768), CVBS(Spot)	HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		
Max. Recording	AHD	2MP Lite (928x960)@25FPS		2MP Lite (928x960)@12FPS		2MP Lite (928x960)@12FPS		
	CVBS	960H@25FPS		960H@25FPS		960H@25FPS		
	TVI/CVI	2MP Lite (928x960)@25FPS		2MP Lite (928x960)@12FPS		2MP Lite (928x960)@12FPS		
	IP	2MP (1920x1080)@25FPS	3MP (2560x1440)@25FPS	5MP and lower: 30/25FPS Per Channel		5MP and lower: 30/25FPS Per Channel		
Video compression	H.264 High Profile		H.265 / H.264		H.265 / H.264		H.265 / H.264	
Video Analytics	Yes		Yes		Yes		Yes	
Audio In/Out	1 RCA in / 1 RCA Out		1 RCA in / 1 RCA Out		1 RCA in / 1 RCA Out		1 RCA in / 1 RCA Out	
Alarm In/Out	IPC Only		IPC Only		IPC Only		IPC Only	
Playback (Local/Remote)	4/5 CH		4Ch/4Ch	8/4 CH		16/8 CH		
Backup format	AVI/DAT		AVI/DAT		AVI/DAT		AVI/DAT	
Browsers and WEB connection	IE,P2P, DDNS, IP		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP	
VMS	Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS	
Hard Disk	1 SATA (6 TB Max)		1 SATA (6 TB Max)		1 SATA (6 TB Max)		1 SATA (6 TB Max)	
APP Smartphone/Tablet	Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)	
Power supply	DC12V 2A (Power supply included)		DC12V 2A (Power supply included)		DC12V 2A (Power supply included)		DC12V 2A (Power supply included)	
Dimensions	255x220x43mm		255x220x43mm		255x220x43mm		255x220x43mm	

HYBRID DVR / 5MP LITE

		Coming soon SH-4050A5-5L (MM) SH-4050A5N-5L(MM)		Coming soon SH-4050A5-5L SH-4050A5N-5L		Coming soon SH-8100A5-5L(MM) SH-8100A5N-5L(MM)	
							
Channels		6 Channels		6 Channels		12 Channels	
Hybrid Modes		HD Analog 4 ... 0 + + + IP 2 ... 6		HD Analog 4 + + + IP 2 ... 6		HD Analog 8 ... 0 + + + IP 4 ... 12	
Video output		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)	
Max. Recording	AHD	5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS	
	CVBS	960H@25FPS		960H@25FPS		960H@25FPS	
	TVI/CVI	5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS	
	IP	5MP and lower: 30/25FPS Per Channel		5MP and lower: 30/25FPS Per Channel		5MP and lower: 30/25FPS Per Channel	
Video compression		H.264 - H.265		H.264 - H.265		H.264 - H.265	
Video Analytics		Yes		Yes		Yes	
Audio In/Out		1 RCA in + IPC / 1 RCA Out		4 RCA in + IPC / 1 RCA Out		1 RCA in + IPC / 1 RCA Out	
Alarm In/Out		IPC Only		4 in + IPC / 1 Out + IPC		IPC Only	
Playback (Local/Remote)		4Ch/4Ch		4Ch/4Ch		8Ch/4Ch	
Backup format		AVI/DAT		AVI/DAT		AVI/DAT	
Browsers and WEB connection		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP	
VMS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS	
Hard Disk		1 SATA (8 TB Max)		1 SATA (8 TB Max)		1 SATA (6 TB Max)	
APP Smartphone/Tablet		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)	
Power supply		12V/2A (Power supply included)		12V/2A (Power supply included)		12V/2A (Power supply included)	
Dimensions		255x220x43mm		300x250x45mm		255x220x43mm	

HYBRID DVR / 5MP LITE

		Coming soon SH-8100A5-5L	Coming soon SH-8100A5N-5L	Coming soon SH-16200A5-5L(MM)	Coming soon SH-16200A5N-5L(MM)	Coming soon SH-16200A5-5L(TU)	Coming soon SH-16200A5N-5L(TU)	SH-32400A5-5L(1.5U)
								
Channels		12 Channels		24 Channels		24 Channels		40 Channels
Hybrid Modes	HD Analog	8 ... 0	4	16 ... 8	16	16 ... 8	16	32 ... 24
	IP	+ + + 4 ... 12	+ 2	+ + + 8 ... 16	+ 8	+ + + 8 ... 16	+ 8	+ + + 8 ... 16
Video output		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)
Max. Recording	AHD	5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS
	CVBS	960H@25FPS		960H@25FPS	-	960H@25FPS		960H@25FPS
	TVI/CVI	5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS CVI 4 MP Lite/2MP @12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS CVI 4 MP Lite/2MP @12FPS		5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS CVI 4 MP Lite/2MP @12FPS
	IP	5MP@25FPS		5MP@25FPS		5MP@25FPS		5MP@25FPS
Video compression		H.264 - H.265		H.264 - H.265		H.264 - H.265		H.264 - H.265
Video Analytics		Yes		Yes		Yes		Yes
Audio In/Out		8 RCA in + IPC / 1 RCA Out		1 RCA in + IPC / 1 RCA Out		8 RCA in + IPC / 1 RCA Out		16 RCA in + IPC / 1 RCA Out
Alarm In/Out		8 in + IPC / 2 Out + IPC		IPC Only		16 in + IPC / 4 Out + IPC		16 in-4 Out
Playback (Local/Remote)		8Ch/4Ch		16 CH		16 CH		16CH
Backup format		AVI/DAT		AVI/DAT		AVI/DAT		AVI/DAT
Browsers and WEB connection		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP
VMS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS
Hard Disk		1 SATA (8 TB Max) 1 ESATA Port		1 SATA (6 TB Max)		2 SATA (8 TB Max each) with smart management, 1 ESATA Port		4 SATA (8 TB Max each) with smart management
APP Smartphone/Tablet		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)
Power supply		12V/2A (Power supply included)		12V/2A (Power supply included)		12V/4A (Power supply included)		AC110-220V
Dimensions		300x250x45mm		255x220x43mm		375x275x45mm		440x390x80mm

HYBRID DVR / 8MP LITE

		Coming soon SH-4050A5-8L(MM) SH-4050A5N-8L(MM)		Coming soon SH-4050A5-8L SH-4050A5N-8L		Coming soon SH-8100A5-8L(MM) SH-8100A5N-8L(MM)		Coming soon SH-8100A5-8L(IU) SH-8100A5N-8L(IU)	
									
									
Channels		6 Channels		6 Channels		16 Channels		16 Channels	
Hybrid Modes	HD Analog	4 ... 0	4	4 ... 0	4	8 ... 0	8	8 ... 0	8
	IP	+ + + 2 ... 6	+	+ + + 2 ... 6	+	+ + + 8 ... 16	+	+ + + 8 ... 16	+
Video output		HDMI1: 4K HDMI2: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI1: 4K HDMI2: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI1: 4K HDMI2: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)		HDMI1: 4K HDMI2: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)	
Max. Recording	AHD	8MP Lite (1920x2160)@12FPS 5 MP @12FPS		8MP Lite (1920x2160)@12FPS 5 MP @12FPS		8MP Lite (1920x2160)@12FPS 5 MP @12FPS		8MP Lite (1920x2160)@12FPS 5 MP @12FPS	
	CVBS	960H@25FPS		960H@25FPS		960H@25FPS		960H@25FPS	
	TVI/CVI	8MP Lite (1920x2160)@12FPS 5 MP @12FPS / CVI 4 MP@12FPS		8MP Lite (1920x2160)@12FPS 5 MP @12FPS / CVI 4 MP@12FPS		8MP Lite (1920x2160)@12FPS 5 MP @12FPS / CVI 4 MP@12FPS		8MP Lite (1920x2160)@12FPS 5 MP @12FPS / CVI 4 MP@12FPS	
	IP	8MP@25FPS		8MP@25FPS		8MP@25FPS		8MP@25FPS	
Video compression		H.265/ H.264		H.265/ H.264		H.265/ H.264		H.265/ H.264	
Video Analytics		Yes		Yes		Yes		Yes	
Audio In/Out		1 + depends on IPC 1 RCA + depends on IPC		1 + depends on IPC 1 RCA + depends on IPC		1 + depends on IPC 1 RCA + depends on IPC		8 RCA in + IPC / 1 RCA Out	
Alarm In/Out		IPC Only		IPC Only		IPC Only		8 in + IPC / 2 Out + IPC	
Playback (Local/Remote)		4 CH		4 CH		8 CH		8 CH	
Backup format		AVI/DAT		AVI/DAT		AVI/DAT		AVI/DAT	
Browsers and WEB connection		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP		IE,P2P, DDNS, IP	
VMS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS		Ossia VMS for Windows and Mac OS	
Hard Disk		1 SATA (8 TB Max)		1 SATA (8 TB Max)		1 SATA (8 TB Max each) with smart management		2 SATA (8 TB Max each) with smart management. 1 ESATA	
APP Smartphone/Tablet		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)		Provision CAM2 (Android-iOS)	
Power supply		12V/2A (Power supply included)		12V/2A (Power supply included)		12V/2A (Power supply included)		12V/4A (Power supply included)	
Dimensions		255x220x43mm		255x220x43mm		255x220x43mm		375x275x45mm	

HYBRID DVR / 8MP LITE

SH-16200A5-8L(1U)



Channels	24 Channels	
Hybrid Modes	HD Analog	16 ... 8 + + +
	IP	8 ... 16
Video output	HDMI1: 4K HDMI2: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot)	
Max. Recording	AHD	8MP Lite (1920x2160)@12FPS 5 MP @12FPS
	CVBS	960H@25FPS
	TVI/CVI	8MP Lite (1920x2160)@12FPS 5 MP @12FPS / CVI 4 MP@12FPS
	IP	8MP@25FPS
Video compression	H.265/ H.264	
Video Analytics	Yes	
Audio In/Out	16 RCA in + IPC / 1 RCA Out	
Alarm In/Out	16 in + IPC / 4 Out + IPC	
Playback (Local/Remote)	16CH	
Backup format	AVI/DAT	
Browsers and WEB connection	IE,P2P, DDNS, IP	
VMS	Ossia VMS for Windows and Mac OS	
Hard Disk	2 SATA (8 TB Max each) with smart management. 1 ESATA	
APP Smartphone/Tablet	Provision CAM2 (Android-iOS)	
Power supply	12V/4A (Power supply included)	
Dimensions	375x275x45mm	

HYBRID DVR / 8MP PRO

SH-8100A5-8(1U)



Channels	16 Channels	
Hybrid Modes	HD Analog	8 ... 0 + + +
	IP	8 ... 16
Video output	HDMI (4K, 1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)	
Max. Recording	AHD	8MP @12FPS 5 MP @20FPS
	CVBS	960H@25FPS
	TVI/CVI	8MP @12FPS 5 MP @20FPS / CVI 4 MP@12FPS
	IP	8MP@25FPS
Video compression	H.265 (HEVC) / H.264	
Video Analytics	Yes	
Audio In/Out	8 RCA in + IPC / 1 RCA Out	
Alarm In/Out	8 in + IPC / 2 Out + IPC	
Playback (Local/Remote)	8CH / 8CH	
Backup format	AVI/DAT	
Browsers and WEB connection	IE,P2P, DDNS, IP	
VMS	Ossia VMS for Windows and Mac OS	
Hard Disk	2 SATA (8 TB Max each) with smart management. 1 ESATA (8 TB)	
APP Smartphone/Tablet	Provision CAM2 (Android-iOS)	
Power supply	12V/4A	
Dimensions	375x275x45mm	

SH-32200A5R-8(2U)



Channels	64 Channels	
Hybrid Modes	HD Analog	32 ... 0 + + +
	IP	32 ... 64
Video output	HDMI1(4K, 1920x1080, 1280x1024), HDMI2 + VGA (1920x1080, 1280x1024, 1024x768), CVBS(Spot)	
Max. Recording	AHD	8MP @8FPS 5 MP @12FPS
	CVBS	960H@25/30FPS
	TVI/CVI	8MP @8FPS 5 MP @12FPS / CVI 8MP @8FPS
	IP	8MP@25/30FPS
Video compression	H.265 (HEVC) / H.264	
Video Analytics	Yes	
Audio In/Out	16 RCA in + IPC / 1 RCA Out	
Alarm In/Out	16 in + IPC / 8 Out + IPC	
Playback (Local/Remote)	16CH / 36CH	
Backup format	AVI/DAT	
Browsers and WEB connection	IE,P2P, DDNS, IP	
VMS	Ossia VMS for Windows and Mac OS	
Hard Disk	8 SATA (8 TB Max each) with smart management. 1 ESATA (8 TB)	
APP Smartphone/Tablet	Provision CAM2 (Android-iOS)	
Power supply	AC110V/220V	
Dimensions	430x445x97mm	

ONE STOP SHOP

- Alarm box
- Video server
- HDMI Accessories
- Baluns
- Connectors
- Monitors and test monitors
- Power supplies
- Keyboards
- Lenses
- Junction boxes

Provision-ISR is a One-Stop-Shop for all CCTV product needs. We have created a full range of CCTV accessories (monitors, power supplies, brackets, junction boxes, connectors, baluns, Etc.) matching all types of CCTV installations. We understand the need for tested and reliable CCTV accessories and set high-quality standards for all products.

ALARM BOX

IO-1606



Expand your device's alarm capabilities using our plug-and-play IO-1606 alarm box! All you need to do is plug the alarm box to the device, using the supplied USB cable, and immediately get additional 16 alarms in and 6 alarms out!

Specifications

		IO-1606
Connectivity	Alarm Input	16 Dry contacts
	Alarm Output	6 Dry contacts
Housing	Connection Interface	Micro USB
	Power Supply	5VDC/1A
	Power Consumption	<5W
	Bracket	Wall Mount
	Dimensions	140mmx74mmx29mm
	Weight(gross)	180g
	Work Environment	-10°C~50°C, 10%~90% Humidity

Compatibility

DVRs	
All	Supported from v1.3.4
NVRs	
NVR5-4100X+(MM)	Supported from Production
NVR5-4100PX+(MM)	
NVR5-8200X+(MM)	
NVR5-8200PX+(MM)	
NVR8-16400PF(1.5U)	
NVR8-32800F-16P(2U)	
NVR8-32800F(2U)	Supported from v1.4.1
NVR8-16400A(1U)	
NVR8-16400F(1U)	
NVR8-32800F(1U)	

HDMI ACCESSORIES

PR-HDMItoVGA



HDMI To VGA converter

- Supports: all HD formats up to 1080P @ 30 fps
- Support HDMI 1.4b
- No support for HDMI audio (Will be lost)
- No power required

PR-HDEx(4K)



HDMI Repeater

- Supports: all HD formats up to 4K @ 30 fps.
- Support HDMI 1.4b
- Support up to 40 meters total transmission distance (AWG 26 cable standard)
- 1080P resolution:
 - Input: up to 15 meters,
 - Output: up to 25 meters
- 4K resolution:
 - Input: up to 5 meters
 - Output: up to 8 meters
- Note: working distance may be affected by the cable quality and length
- No power required

HDMI ACCESSORIES

PR-SP102(4K)



1 To 2 HDMI Splitter

- Support HDMI resolution up to 4K@30Hz
- Support digital audio format: DTS-HD/Dolby-true HD/DTS/Dolby-AC3/DSD/HD(HBR)
- Supported HDMI cable distance: (AWG 26 cable standard)
- Resolution: 1080P
 - Input: up to 15 meters,
 - Output: up to 15 meters
- Resolution: 4K
 - Input: up to 8 meters
 - Output: up to 8 meters
- Note: Working distance may be affected by the cable quality and length
- DC5V power supply needed (USB Power cable included)

PR-SP104(4K)



1 To 4 HDMI Splitter

- Support HDMI resolution up to 4K@30Hz
- Support digital audio format: DTS-HD/Dolby-true HD/ DTS/ Dolby-AC3/ DSD/ HD(HBR)
- Supported HDMI cable distance: (AWG 26 cable standard)
- Resolution: 1080P
 - Input: up to 15 meters,
 - Output: up to 15 meters
- Resolution: 4K
 - Input: up to 8 meters
 - Output: up to 8 meters
- Note: Working Distance may be affected by the cable quality and length
- Include DC5V power supply

VIDEO SERVER

DVS-IP5-4



- Video input: 1CH Standard BNC (1.0Vp-p, impedance : 75Ω)
- Supported resolution: 4 MP
- Frame rate: 1-25 / 30 FPS
- Noise reduction: Yes
- Motion detection: Yes
- Privacy mask: Yes
- Video analytics: Yes
- Image orientation: Mirror / flip / corridor mode
- Multi-stream: 4 MP / 3 MP / 2 MP / 1 MP / D1 / CIF (1-25/30 FPS)

- Bit rate: 64 Kbps - 6 Mbps
- Encode mode: VBR/CBR
- Analog video output: CVBS (BNC)
- Audio input: Yes; Audio output: Yes
- SD card: Up to 128 Gb (Micro SD)
- Power supply: DC12V-300mA / PoE-3W
- Alarm: 1 In / 1 Out
- Video compression: H.264-H265
- Dimensions: 140 mm x 75 mm x 30 mm
- Operation temperature: -20°C / 55°C

HDMI ACCESSORIES

PR-SW301(4K)



3 To 1 HDMI Switcher

- Compatible with HDMI 1.4a.
- Support up to 4K@30Hz.
- Deep color 12bit per channel
- "Smart switching" function that can detect live HDMI signal in different channels and switch to it automatically
- No power supply required for standard installation. If the HDMI output cable exceeds 5m – a CD5V power supply will be required (Not included)

PR-4In1-Con



4 In1 HD signal converter

- Converts AHD/TVI/CVI/CVBS signal to HDMI/VGA/BNC standard display outputs.
- Support 720P/1080P/4MP/5MP HD Analog Input
- HDMI output compatible with HDCP, HDMI1.4
- HDMI output resolutions: 720P@50/60Hz, 1080P@50/60Hz
- VGA output resolutions: 800x600@60Hz, 1024x768@60Hz, 1366x768@60Hz, 1280x720@60Hz, 1920x1080@60Hz
- Selectable output and resolution by a physical button on the device
- Supports both NTSC/PAL Video inputs –Automatic detection
- Maximum output distance: HDMI: 20 meters, VGA: 5 meters, CVBS: 500 meters

HDMI ACCESSORIES

PR-HDoNet-E



HDMI over Network Extender

- Transmit HDMI signal over Ethernet cable
- Working distance:
 - Up to 10m distance over cat5e cable.
 - Up to 20m over Cat6 cable
- HDMI 1.3&3D support
- Support video resolution of up to 1080P@60Hz

PR-HDoNet+



HDMI over Network Extender

- Transmit HDMI signal over Ethernet cable
- Working distance:
 - Up to 40m distance over cat5e cable.
 - Up to 60m over Cat6 cable
- HDMI 1.3&3D support
- 12Bit deep color and bandwidth of up to 225Mhz support
- Support video resolution of up to 1080P@60Hz
- Supported Audio formats: DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD
- DC5V power supply included

PR-HDKVMoNet



HDMI USB KVM Extender Over Cat5e/Cat6

- Working distance:
 - Up to 100m distance over cat5e cable
 - Up to 130m over Cat6 cable
- HDMI1.3 & 3D Support
- 12Bit deep color and bandwidth of up to 225Mhz support
- Support video resolution of up to 1080P@60Hz
- Supported Audio formats: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/DolbyAC3/DSD
- Support USB2.0 Keyboard and mouse transmission
- Support IR signal transmission
- DC5V power supplies included

BALUNS / HIGH POWER BALUNS

PTR-101V-HD-8



1CH 8MP Video Passive Balun

- Passive transmission - No power required
- 8MP 4in1 support: AHD / CVI / TVI / CVBS.
- Transmission Distance: AHD / CVBS - 200M / CVI / TVI - 150M.
- Friendly "Tool Free" Terminal Connector
- Built-in TVS for Surge Protection
- Anti Static Design
- Wave Filter Design
- Designed for Cat.5e/6 Cables

PTR-102V-HD+



1CH 8MP Video+Power Passive Balun

- 1CH HD VIDEO + POWER PASSIVE BALUN
- Passive transmission - No additional power required
- Friendly "Tool Free" Terminal Connector
- Built-in TVS for Surge Protection
- Transmission Distance: AHD / CVBS - 200M, CVI / TVI - 150M
- Anti Static Design
- Wave Filter Design
- Designed for Cat.5e/6 Cables

PTR-103VHP-HD



1CH HD VIDEO + HIGH POWER PASSIVE BALUN

- Passive transmission - No additional power required
- High-Power Input: 12-36VDC, Power output: 12VDC Stable Output
- Friendly "Tool Free" Terminal Connector
- Built-in TVS for Surge Protection
- 5MP 4in1 support: AHD / CVI / TVI / CVBS
- Transmission Distance: AHD / CVBS / CVI / TVI- 200M (deatileds info in specs file).
- Anti Static Design
- Wave Filter Design
- Designed for Cat.5e/6 Cables

CONNECTORS

PR-C01



CONNECTOR
BNC male to RCA female

PR-C03



"T" CONNECTOR
BNC male to 2 BNC female

PR-C04



CONNECTOR
BNC female to RCA male

PR-C07



CONNECTOR
BNC female to BNC female

PR-C08



CONNECTOR
DC jack male

PR-C09



CONNECTOR
DC jack female

PR-C10



DC CABLE WITH MALE JACK
25 cm length

PR-C12



BNC PLUG

PR-C13



BNC PLUG
(one set with three pcs) for ratchet BNC cramping tool.

PR-C14



DC SPLITTER 1-4

TEST MONITORS

EOL

TM-43AHDBL



4.3" TFT LCD TEST MONITOR

- Supported Video formats: 1MP /2MP AHD / CVBS
- Image settings support
- Installation without external Power Source
- 12VDC Output (Plug Supplied)
- 5VDC Output (Micro USB Plug Supplied)
- Network Cable Tester Included
- Audio in with Built-in Speaker
- PAL/NTSC Support
- Status LED Indicators
- Built-In Long-Life Rechargeable Battery
- Hands-Free Operation (Arm strap supplied)

New

TM-434in1-8



4.3" TFT LCD TEST MONITOR

- 8MP 4in1 support: AHD / CVI /TVI / CVBS
- Image settings support
- 12VDC Output (Plug Supplied)
- 5VDC Output (Micro USB Plug Supplied)
- Audio in with Built-in Speaker
- PAL/NTSC Support
- Status LED Indicators
- Built-In Long-Life Rechargeable Battery
- Hands-Free Operation (Arm strap supplied)
- Light Weight

TM-54in1-2



5" TFT LCD TEST MONITOR

- 2MP 4in1 support: AHD / CVI /TVI / CVBS
- BNC x 1, VGA x 1 Input
- Image settings support
- 12VDC Output (Plug Supplied)
- 5VDC Output (Micro USB Plug Supplied)
- Audio in with Built-in Speaker
- PAL/NTSC Support
- Status LED Indicators
- Built-In Long-Life Rechargeable Battery
- Hands-Free Operation (Arm strap supplied)
- Light Weight

New

TM-54in1-8



5" TFT LCD TEST MONITOR

- 8MP 4in1 support: AHD / CVI /TVI / CVBS
- Image settings support
- 12VDC Output (Plug Supplied)
- 5VDC Output (Micro USB Plug Supplied)
- Audio in with Built-in Speaker
- PAL/NTSC Support
- Status LED Indicators
- Built-In Long-Life Rechargeable Battery
- Hands-Free Operation (Arm strap supplied)
- Light Weight

MONITORS

PR-IPS7*



ULTRA THIN

TFT 7" Digital Monitor

- Screen Size: 7" TFT Screen
- Resolution: 1024x600
- TV System: PAL / NTSC
- Power Supply: DC 12V, 1A (Power supply not included)
- Video Input: 1VP-P, 75Ohm
- Inputs: AV1, AV2, Power
- Work Temperature: -10°C ~ 60°C
- Viewing Angle: 85° (All Directions)
- Contrast Ratio: 300:01:00
- Brightness: 260CD/m2
- Weight: 0.80Kg
- Dimensions: 177W x 117H x 15D mm

PR-TFT9HD*



ULTRA THIN

TFT 9" Digital Monitor

- Screen Size: 9" TFT Screen
- Resolution: 1024x600
- TV System: PAL / NTSC
- Power Supply: DC 12V, 1A (Power supply not included)
- Video Input: 1VP-P, 75Ohm
- Inputs: AV1, AV2, Power
- Work Temperature: -10°C ~ 60°C
- Viewing Angle: 70°/70°/70°/50° (L/R/U/D)
- Contrast Ratio: 300:01:00
- Brightness: 260CD/m2
- Weight: 0.85Kg
- Dimensions: 220W x 140H x 16D mm

PR-IPS10P-W*



ULTRA THIN

TFT 10" Digital Monitor

- Screen Size: 10" TFT Screen
- Resolution: 1024x600
- TV System: PAL / NTSC
- Power Supply: DC 12V, 1A (Power supply not included)
- Video Input: 1VP-P, 75Ohm
- Inputs: AV1, AV2, VGA, HDMI, Power
- Work Temperature: -10°C ~ 60°C
- Viewing Angle: 85° (All Directions)
- Contrast Ratio: 300:01:00
- Brightness: 260CD/m2
- Weight: 1.2Kg
- Dimensions: 250W x 163H x 16D mm

*Upon availability

POWER SUPPLIES

PR-12V1A-A



Power supply 12V 1A

PR-12V3A



Power supply 12V 3A

PR-12V5A



Power supply 12V 5A

PR-12V5A-4



Power supply 12V 5A + 4 SPLITTER

PR-12V5A-4T



Terminal block 12VDC 5A power supply

PR-5A8CH+



8CH Power Supply
12V 5A with power socket
8 PORTS

PR-5A8CH-B



8CH Power Supply
12V 5A with power socket
Battery up to 7 Ah - 8 PORTS

PR-10A9CH+



9CH Power Supply
12V 10A
9 PORTS

PR-10A9CH-B



9CH Power Supply
12V 10A with power socket
Battery up to 17 Ah - 9 PORTS

PR-12A16CH+



16CH Power Supply
12V 12A with power socket
16 PORTS

PR-20A16CH (1U)



16CH Power Supply
12V 20A -1U CASE
16 PORTS

KEYBOARDS

IP-KEY01



Keyboard with joystick for IP PTZ
*Available upon request

C06



Keyboard with joystick for analog speed dome (RS-485) and supporting DVRs/NVRs
*Available upon request

LENSES

03610DCMP-6

Angle of View	Resolution	6MP			Relative Aperture	1.5 ± 5%
	Focal-length	3.6-10mm±5%			Mount	CS
	Format	1/1.8"			Focus Range	0.3 m ~ ∞
	CMOS Size	Horizontal	Vertical	Diagonal	Weight	43g
	1/1.8"	95°~ 40°	62° ~ 26°	120° ~ 48°	Focus	Manual focus and zoom
	1/2.7"	/	/	/	Iris	Auto
1/3"	/	/	/	Operating Temperature	-20C°~+60C°	
1/4"	/	/	/	Back Focal-length	6.6mm	



New
0550DCMP-8

Angle of View	Resolution	8MP			Relative Aperture	F1.4±5%
	Focal-length	5-50mm±5%			Mount	CS
	Format	d. 7(1/2.7")(MAX)			Focus Range	0.3m~ ∞
	CMOS Size	Horizontal	Vertical	Diagonal	Weight	180.8±5g
	1/2.5"	/	/	/	Focus	Manual
	1/2.7"	103°-30.8°	74.4°-23.3°	138°-40°	Iris	Auto Iris
1/3"	91°-28°	67.5°-21.2°	120.8°-36°	Operating Temperature	-20C°~+60C°	
1/4"	73°-23.4°	44.8°-14.8 °	87.6°-27.8°	Back Focal-length	7.58mm	

02812DCMP-3 V2

Angle of View	Resolution	3MP			Relative Aperture	1.4±5%
	Focal-length	2.8-12mm±5%			Mount	CS
	Format	d. 6.6(1/2.7")(MAX)			Focus Range	0.2 m ~ ∞
	CMOS Size	Horizontal	Vertical	Diagonal	Weight	42g
	1/2.5"	/	/	/	Focus	Manual focus and zoom
	1/2.7"	103°-30.8°	74.4°-23.3°	138°-40°	Iris	Auto
1/3"	91°-28°	67.5°-21.2°	120.8°-36°	Operating Temperature	-20C°~+60C°	
1/4"	73°-23.4°	44.8°-14.8 °	87.6°-27.8°	Back Focal-length	6.52mm±0.1	



01250DCMP-3

Angle of View	Resolution	3MP			Relative Aperture	1.5±5%
	Focal-length	12-50mm±5%			Mount	CS
	Format	d. 6.6(1/1.8")(MAX)			Focus Range	2.5m~
	CMOS Size	Horizontal	Vertical	Diagonal	Weight	154.4g
	1/1.8"	33°-8.6°	20°-4.8°	38°-9.8°	Focus	Manual focus and zoom
	1/2.7"	26°-6.6°	15°-3.7°	30°-7.6°	Iris	Auto
1/3"	/	/	/	Operating Temperature	-20C°~+60C°	
1/4"	/	/	/	Back Focal-length	7.45mm±0.1	

IP HD / Junction boxes

PR-JB14IP66 PR-JB14IP66-G PR-JB14IP64 PR-JB14IP64-G



Bracket- Junction box for I6-/DI-VF, IP66

Bracket- Junction box for I6-/DI-VF, IP64

PR-JB12IP66



Bracket- Junction box for I4-/I2-/DI-Fix, IP66

PR-JB12IP64



Bracket- Junction box for I4-/I2-/DI-Fix, IP64

PR-B10BJB



Junction Box For DMA IP Cameras

PR-B50JB



Junction Box For Fish-Eye Cameras

PR-B45JB



Small water-proof junction box suitable for bullet and dome Fixed Lens Camera

PR-B37JB



SMALL junction box suitable for HD Fixed Lens cameras (I1/I3-XXXAHD36 / DI-XXXAHD36)

PR-WB14



Bracket- L shape bracket with PR-JB14IP66 for I6-/DI-VF/DAI-VF, IP66

PR-WB12



Bracket- L shape bracket with PR-JB12IP66 for I4-/I2-/DI-Fix/DAI-Fix, IP66

PR-WB50



Bracket- Wall bracket for FEI

PR-CB14



Bracket- Straight bracket with PR-JB14IP66 for I6-/DI-VF/DAI-VF, IP66

PR-CB12



Bracket- Straight bracket with PR-JB12IP66 for I4-/I2-/DI-Fix/DAI-Fix, IP66

PR-CB50



Bracket- Ceiling bracket for FEI

PR-B10EX



10 cm extension for junction box

PR-B10SB+



Straight bracket for junction box

PR-B10LB+



"L" shaped bracket for junction box

PR-B45BC



base for PR-B45JB PR-10BJB+

PR-WB-A PR-WB-A-G



Bracket- Wall bracket for DI-VF, DI-Fix, DAI-Fix, DMA

PR-B50PB



Pole Mount Bracket For Supporting Junction Boxes

PR-B50ECB



External Corner Mount Bracket For Supporting Junction Boxes

PR-ICB21











































Bracket- In-ceiling mount bracket for DAI-FIX

PR-ICB23


















































Bracket- In-ceiling mount bracket for DAI-VF

IP - HD V2 / Junction boxes

Model	Junction boxes		Installation							
Bullet  I6	IP66  PR-JB14IP66	IP64  PR-JB14IP64	Wall  optional PR-WB14	Ceiling  optional PR-CB14	Pole  optional PR-B50PB	 optional PR-CB14	Corner  optional PR-B50ECB	 optional PR-CB14		
Bullet  I4	IP66  PR-JB12IP66	IP64  PR-JB12IP64	Wall  optional PR-WB12	Ceiling  optional PR-CB12	Pole  optional PR-B50PB	 optional PR-CB12	Corner  optional PR-B50ECB	 optional PR-CB12		
Bullet  I2	IP66  PR-JB12IP66	IP64  PR-JB12IP64	Wall  optional PR-WB12	Ceiling  optional PR-CB12	Pole  optional PR-B50PB	 optional PR-CB12	Corner  optional PR-B50ECB	 optional PR-CB12		
IP Fish-EYE  FISH-EYE	IP66  PR-B50JB	OR	Wall  optional PR-WB50	Ceiling  optional PR-CB50	 optional PR-B10EX	 optional PR-B10EX				
IP DMA  DMA	Wall  PR-WB-A	OR	 PR-B10BJB	Wall  optional PR-WB12	Ceiling  optional PR-CB12	 optional PR-B10EX	 optional PR-B10EX			































*Fish-EYE and DMA available only in IP Technology

IP - HD V2 / Junction boxes

Model	Junction boxes		Installation											
Dome/Turret  DI-VF	Wall A  PR-WB-A	OR	IP66  PR-JB14IP66	IP64  PR-JB14IP64	+	Wall B  PR-WB14	optional  PR-B10EX	Ceiling  PR-CB14	optional  PR-B10EX	Pole  PR-B50PB	optional  PR-WB14	Corner  PR-B50ECB	optional  PR-WB14	
Dome/Turret  DI-FIX	Wall A  PR-WB-A	OR	IP66  PR-JB12IP66	IP64  PR-JB12IP64	+	Wall B  PR-WB12	optional  PR-B10EX	Ceiling  PR-CB12	optional  PR-B10EX	Pole  PR-B50PB	optional  PR-WB12	Corner  PR-B50ECB	optional  PR-WB12	
Dome  DAI-VF	IP66 *  PR-JB14IP66	+	Wall  PR-WB14	optional  PR-B10EX	Ceiling  PR-CB14	optional  PR-B10EX	Pole  PR-B50PB	optional  PR-WB14	Corner  PR-B50ECB	optional  PR-WB14	OR	Ceiling  PR-ICB23		
Dome  DAI-FIX	Wall A  PR-WB-A	OR	IP66 *  PR-JB12IP66	+	Wall  PR-WB12	optional  PR-B10EX	Ceiling  PR-CB12	optional  PR-B10EX	Pole  PR-B50PB	optional  PR-WB12	Corner  PR-B50ECB	optional  PR-WB12	OR	Ceiling  PR-ICB21

*For DAI installations, please remove the junction box's cover and connect the camera directly to the junction box.

HD / Junction boxes (Sirius)

Model	Junction boxes	Installation			
Bullet  TVL	IP66  PR-B45JB	Wall MUST:  +  optional: 	Ceiling MUST:  +  optional: 	Pole optional:  Wall Set	Corner optional:  Wall Set
	IP64  PR-B37JB	Wall optional:  + 	Ceiling optional:  + 		
Dome  DVL	IP66  PR-B45JB	Wall MUST:  +  optional: 	Ceiling MUST:  +  optional: 	Pole optional:  Wall Set	Corner optional:  Wall Set
	IP64  PR-B37JB	Wall optional:  + 	Ceiling optional:  + 		

IP HD/ PTZ brackets

PR-B30C



Ceiling bracket



PR-B30P



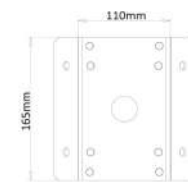
Pole Mount Bracket



PR-B30EC



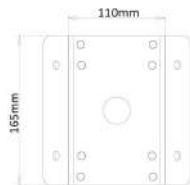
External Corner Bracket



PR-B30IC



Internal Corner Bracket



PR-B20C



Ceiling Bracket

for MZ PTZ models

OSSIA VMS

Dedicated Hardware

Provision-ISR OSSIA VMS is an advanced and reliable software designed for CCTV systems featuring multiple devices that are controlled from a single reliable platform.

Ossia VMS comes with dedicated VMS hardware that are planned, designed, and built by Provision-ISR, with the sole purpose of running the video management software while dedicating 100% of the system resources to the task.

OC-MSCL-S(DT)

Management server

So Small. So powerful.

OC-MSCL-M(DT) server/workstation is mainly developed for small to medium-sized security systems.

Provision-ISR delivers a winning solution to the field of security with designated hardware that runs embedded Ossia VMS.

This design makes the system far more stable, cost-worthy, and simple to use. As a result, the device is fully dedicated to its task – CCTV management and operation.

Main Features

- 256 Channel support
- 64 Recorder support
- 8GB DDR RAM
- Live View and Playback
- E-Map Monitoring
- Analytics Support
- ONVIF Camera Support
- Auto Report Service Support
- PTZ Support
- Audio Support
- Alarm Support
- Mobile App Support



OC-MS-XL(1U)

Management server

Provision-ISR's new management server is designed to deal with the most demanding tasks and makes a firm base for more extensive security systems. Combining high performances and embedded Ossia VMS on the one hand and the ability to manage up to 3K channels on the other, the OCMS-XL(1U) makes a stable and commanding solution for most security needs.

Main Features

- Pre-installed Ossia VMS (Server + Client)
- 512 Channels license included
- Full WEB interface
- Total of 256 PC Clients / Mobile App Clients
- Up to 3,000 channels!
- Storage server compatibility
- Set & view AI analytics
- Face database management
- Fisheye special views support
- LPR Monitoring
- User Management
- Map support (including google maps)
- Decoder support
- Audio broadcast



OSSIA VMS

Dedicated Hardware

OC-RS-16(3U)

Storage server

Maximum stability, reliability, and capacity

OC-RS-16(3U) has 16 Hot-Swap HDD trays, RAID capabilities, dual Ethernet, and a power supply. Provision-ISR's Storage Server was planned, designed, and built for the sole purpose of storing massive amounts of data and keeping it as safe and redundant as it can be.

Main Features

- Data capacity increase - allows for a remarkable increase of playback history.
- Redundancy - thanks to RAID5, the data on the disks will be secured against disk faults and errors.
- Flexibility - hot-swap disk trays for fast disk insertion and removal.
- Dual PSU (power supply unit) - one is for backup in case of an electric failure.



OC-TS(1U)

Transfer server

Provision-ISR's Transfer server is designed to stream massive amounts of data from the video devices (IPC/DVR/NVR) to the recording servers and viewing clients. The transfer server should be used under two circumstances:

- 1) When the user needs to expand the system's bandwidth.
- 2) When the user wants to choose the route from the video devices to the clients.

Main Features

- High Performance x86 Hardware
- Xeon Processor
- 8GB DDR RAM (Expandable)
- WEB interface for configuration
- 4 x 1Gbps Network Interfaces
- Load Balancing / Network Redundancy Support
- Multicast – Bypassing the recorder login limit



OSSIA VMS

Dedicated Hardware

DEC-0104(1U)

Decoder

Provision-ISR DEC-0104(1U) decoder makes the difference when it comes to durability. The decoder can display up to 144 channels on four separate screens, taking the most resource-demanding task from the client – to itself. The client is free to deal with the CCTV unexpected tasks such as handling events, playback, alarms, Etc.

Each of the 144 windows is dynamic: the user can choose to use it as a live window, playback window, or an alarm pop-up window!

Main Features

- 4 HDMI Output (Total)
- 2 x 4K Screen Output
- 1 HDMI Input
- Audio Support
- Live View
- Alarm Popup View
- Playback View
- PTZ control
- Up to 8MP Decoding



IP-KEY02

Keyboard

Much more than a simple accessory

Provision-ISR IP-KEY-02 keyboard is an excellent addition for control rooms, headquarters, or surveillance rooms. It allows the control of numerous Decoders and IP PTZ cameras and the choice of the camera layout you want by a single button press.

The operator can easily display up to 144 different channels located on four screens connected to the decoder and fully control IP PTZ cameras for a quick focus on a specific object in the scene.

Main Features

PTZ CAMERAS (IP ONLY)

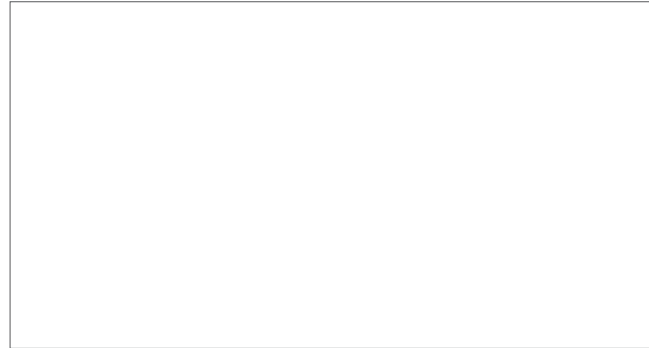
- Total movement control
- Preset
- Cruise

DECODERS

- Layout control
- Live view
- Playback
- Alarm window
- PTZ control (IP and analog)
- Sequencing channels



Distributed by:



Provision-ISR

Headquarters:

11 Atir Yeda St, Kfar Sava, Israel

Postal Code: 4464310

Tel: (972-9) 741 7511 Fax: (972-9) 745 7182

Web: www.provision-isr.com