

PROVISION ISR



PROFESSIONAL SECURITY PROVIDERS

CATALOGUE
JANUARY 2019

www.provision-isr.com

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PROFESSIONALS AT YOUR SIDE

PROVISION-ISR is an Israeli multinational company founded in 2007 to meet the demand for high quality products in the medium segment of the CCTV market.

The binomial Israel / Security is at the basis of the know-how that today distinguishes our Company.

We understand the dynamics of the industry, we promptly respond to the diversified demand of the market and we offer superior CCTV technologies along with professional after-sales support and effective marketing actions.

DESIGN AND PRODUCTION



Provision-ISR devices are designed by a professional team of engineers based in Kfar Saba (Israel). The production facilities, based in Shenzhen (China), belong to the Company. Choosing Provision-ISR products means relying on a unique product, offered at extremely competitive conditions.

BRAND PHILOSOPHY



Betting against the choices of other manufacturers, Provision-ISR says "NO" to e-commerce, enhancing the irreplaceable service guaranteed by our sales network. Our professional ethics leads us to respect and protect all the actors of the supply chain: from the big distributor to the small installer.

MINIMUM RMA RATE



Both the selection of the best components available on the market and the strict quality control that follows the production processes, significantly reduce the RMA rate. Low RMA rate allow us to support our clients with long warranty while providing creative solutions on dealing with RMA services.

CONSTANT AND RELIABLE SUPPORT



Our expert technical support team is prepared to answer all kind of questions. We also offer how-to-tutorials to support you and your costumers on site. Periodic seminars and workshops are organized in support of distributors, sub distributors and installers.

SYSTEMS INTEGRATION



Provision-ISR devices are designed to be integrated with third-party systems. By "systems integration" we mean the possibility of having different systems interacting with each other in order to create a new structure that synergistically combines the potential of the original systems, creating new functionalities.

ONE-STOP-SHOP



Provision-ISR understands the need for tested and reliable CCTV accessories. We have managed to create a full range of accessories matching all types of installations. Today we proudly represent a One-Stop-Shop for all CCTV product needs.

GLOBAL DISTRIBUTION



We serve more than 40 countries on 5 continents with branches and official exclusive distributors, who are working as partners to promote the brand in their regions.

THE SOLUTIONS YOU NEED FOR ANY KIND OF APPLICATIONS

- FULL CAMERA PRODUCT RANGE
- BEST OF BREED DVRS / NVRS
- COMPLETE RANGE OF ACCESSORIES



STANDARD - Residential & small business



PLUS - Retail, Parkings, Schools...



TOP - Hospitals, Airports, Shopping malls...

Provision-ISR

f in

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SOFTWARES & APPS: **OSSIA**

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

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 Notification
- E-mail Notifications
- CMS Feature*
- SNMP Protocol
- PoS
- Analytics for analog DVR*
- Fisheye support (only NVRs 2MP)
- Face recognition support (only NVRs featuring "F" in the code)
- Dual IP configuration

ossia
An experience of harmony



INTUITIVE OPERATIONS

- One-Click Manual Record
- One-Click Alarm/Relay Output
- Camera Layout Presets
- 3D PTZ Operation
- Definable Instant Playback
- Audio Control
- Corridor mode*

IN-CHANNEL OPERATIONS

- In-Channel Playback
- In-Channel Sequence*
- In-Channel Digital Zoom
- In-Channel PTZ Operations

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)

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)

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



*Supported devices only

SOFTWARES & APPS: OSSIA

DUAL IP CONFIGURATION

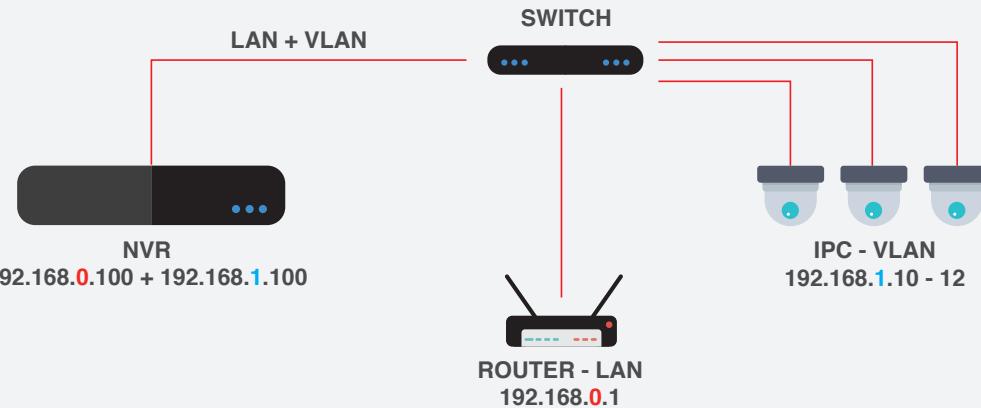
Dual IP provides better security for the system and optimises the utilisation of your network.

For security, this feature allows the user to isolate the IP cameras addresses from the main network segment (creating a virtual network).

For utilisation, using dual IP will not consume IP addresses from your main IP segment.

Ossia v1.3.X offers Dual IP Configuration for:

- Non-PoE models
- Single network port models
- Fixed IP models (DHCP disabled)



NVR as basic CMS

Starting from v1.2.6 all NVRs can manually draw video channels from other devices.

Drawing video channels from other Provision-ISR devices can be done automatically.

Starting from v1.3.3, drawing video channels from other Provision-ISR devices will also allow to get the alarms status required for recording. (Motion/Analytics Etc.)



STANDARD NVR PERFORMING AS CMS

SOFTWARES & APPS: **OSSIA**

SMART SEARCH

Smart search allows the user to perform basic analytics over recorded video (Playback).

The smart search is available for both IP and Analog cameras and offers:

- Full frame motion (filtering motion from 24/7 recording)
- Line crossing (Bi-Directional)
- Polygon areal search (4 Corners)
- All of the above with Face Recognition filter (for supporting systems)

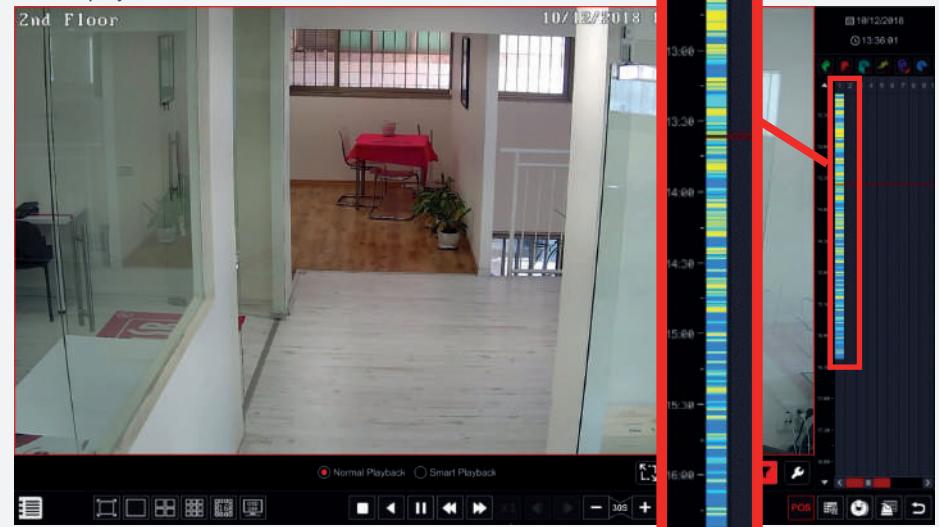
Only IPC v4.2.1 and higher support smart search.

All Analog cameras support smart search.

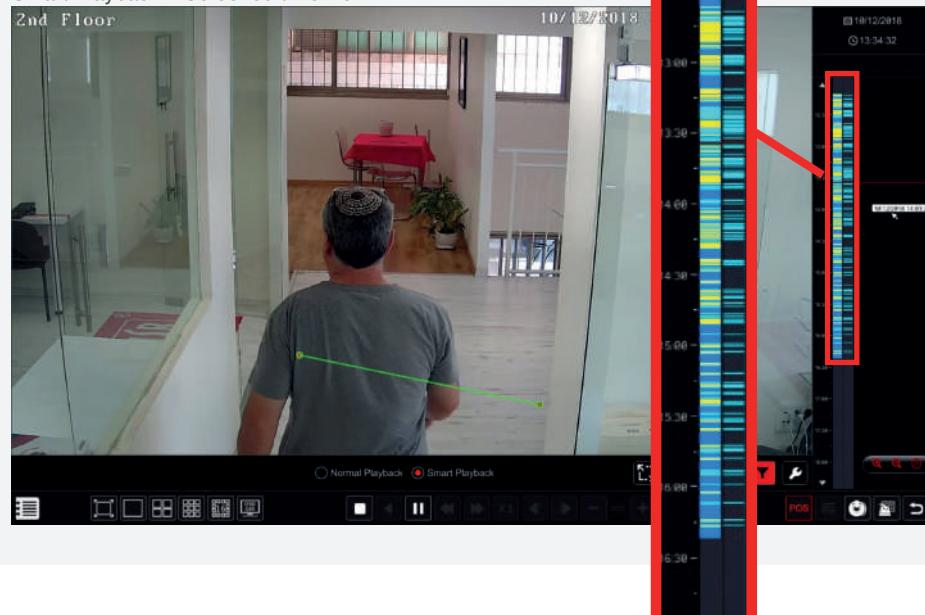
Higher resolution – Higher accuracy.

Smart search can only be done locally and it is not supported remotely.

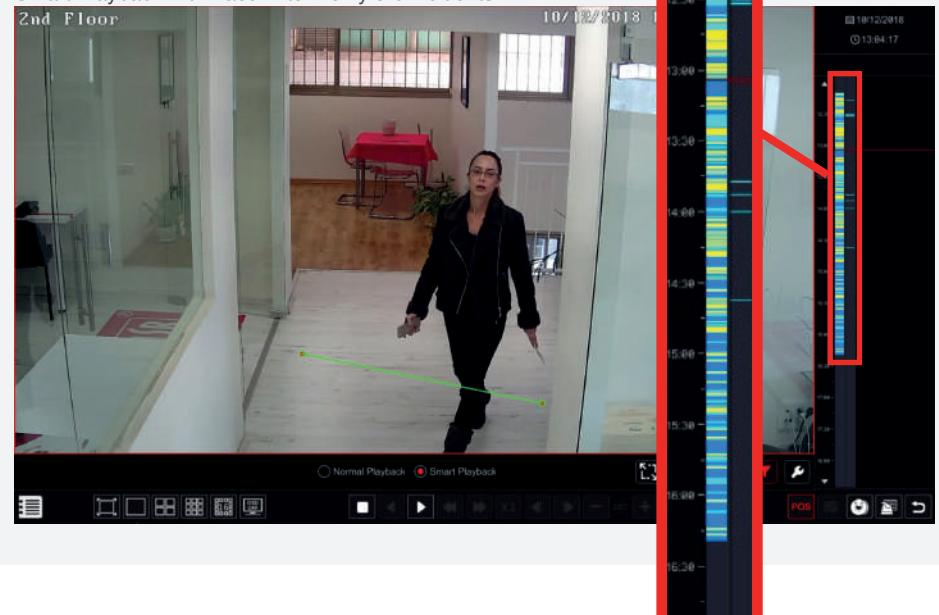
Normal playback - 24 hour timeline



Smart Playback - Screened timeline



Smart Playback with Face Filter - only 5-6 incidents.



CYBER SECURITY



Cyber-attacks are increasing and have become a global concern.

Top decision-makers need to start adopting multi-faceted strategies that incorporate effective solutions, processes and protocols.

Provision-ISR started to consider Cyber Security as a priority in 2016 when Ossia platform was launched on the market.

From that moment our team of engineers work daily to improve the security of our CCTV systems.



2016

JUNE

- Ossia launch
- Connection via secured P2P Cloud services.
- Encrypted password recovery mechanism.
- Black/White Lists
- User Authority Management
- Auto Logout

JULY

- Ossia v1.0.3
- Closing Telnet port entirely.

2017

AUGUST

- Ossia v1.1
- General security enhancements
- Ability to disable video when logged out

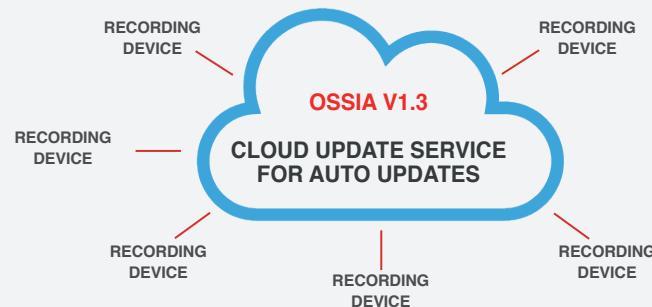
JANUARY

- Ossia v1.2.6
- Password strength Indicator
- Default password prompt
- Enhanced protection against password generators
- HTTPS Secure protocol
- 802.X Security protocol

2018

OCTOBER

- Ossia v1.3.3
- Cloud update service for auto update



SOFTWARES & APPS: PROFESSIONAL CMS

Provision-ISR's CMS is a free PC Software used for all imaging products from Provision-ISR (DVRs, NVRs and IP Cameras).

It offers simultaneous live view and playback from multiple devices and full remote configuration for recording devices and cameras. The CMS is a professional software that requires minimal learning and understanding of the software's method of work, but once understood, it offers excellent features for complex installations and multi branch complexes.

MAIN FEATURES

- Support of up to 1000 devices
- Multi device live view
- Single login for all devices
- Web-client access
- Map Support
- 2 Way Audio Support - listen and talk
- Manual alarm trigger
- Remote Playback
- Local video recording and playback

- Local Snapshot
- Full Device Configuration (remote)
- PTZ Support
- Camera group configuration
- Smart user management
- Multi-Screen Display
- Multi-Language Support
- ONVIF Device Support (Limited)
- Now in 64 bit version
- Cloud P2P Support
- Face recognition support*

MULTISCREEN DISPLAY

Multi Screen view allows you to utilize your CMS over several PC screens. Using tabs, each screen can display a chosen view individually (For example: Live view, map, settings and Playback). In other situations, the screens can all display live view images at the same time so more channels will be viewed in larger size.

REMOTE WEB CLIENT

The CMS requires powerful hardware in order to run smoothly. If you need more than 1 CMS workstation - the CMS can be installed on 1 powerful PC that will be connected by less powerful computers over LAN/WAN.

ALARM MONITORING

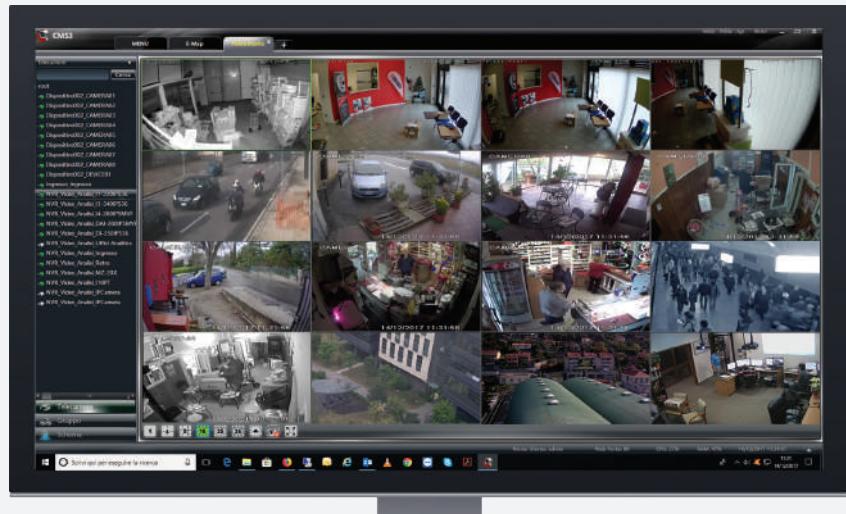
The CMS synchronizes with all the alarm inputs/outputs of the devices connected to it. Therefore it allows easy monitoring over sensors and alarm relays.

LOCAL OR REMOTE PLAYBACK

Supporting both remote (saved on device and local (saved on PC) playback of up to 16 channels (depends on device's technical specs)

REMOTE CONFIGURATION

The CMS allows full configuration on both local parameters and over all devices connected to it.



E-MAP SUPPORT

You can set your cameras on top of electronic maps and view it in a click of a mouse button. Multiple maps can be added creating layers and zoomed-in zones.

TWO WAY AUDIO

As a monitoring station, the CMS allows you to have two way audio with all supporting devices (Both incoming and outgoing audio).

VIDEO ANALYTICS

The CMS allows both the configuration of videoanalysis and the reproduction of specific events.

*Supported devices only

SOFTWARES & APPS: **IP MANAGER**

The IP manager is a free PC software used to detect all NVRs, DVRs and IP Cameras in the local network. It is also used for advanced and quick IP camera configuration.

MAIN FEATURES

Detects all Provision-ISR devices in the network

Detects ONVIF cameras in the network

Offers live preview of the selected Provision-ISR camera

Showing all the information needed by the user (Configurable)

Allows single/batch camera configuration including:

- Full network parameters setting
- Firmware update
- Password settings
- Picture settings
- Stream Settings

Allows initializing camera reset protocol

SOFTWARE UPGRADE

Update IPC software/kernel directly from the tool.

It is possible to update several IPC from the same type together.

NETWORK CONFIGURATION

Configure network settings for 1 IP camera or more.

You can either set fixed IP or DHCP from the tool.

STREAM CONFIGURATION

Set the video stream of the camera.

This should only be used if the camera serves as a standalone.

Only cameras with v 3.4.2.1 and up will support this feature.

SET PICTURE

Quickly set all the pictures parameters (3D-DNR, Mirror, Flip, IR, Etc.) for all the required cameras.

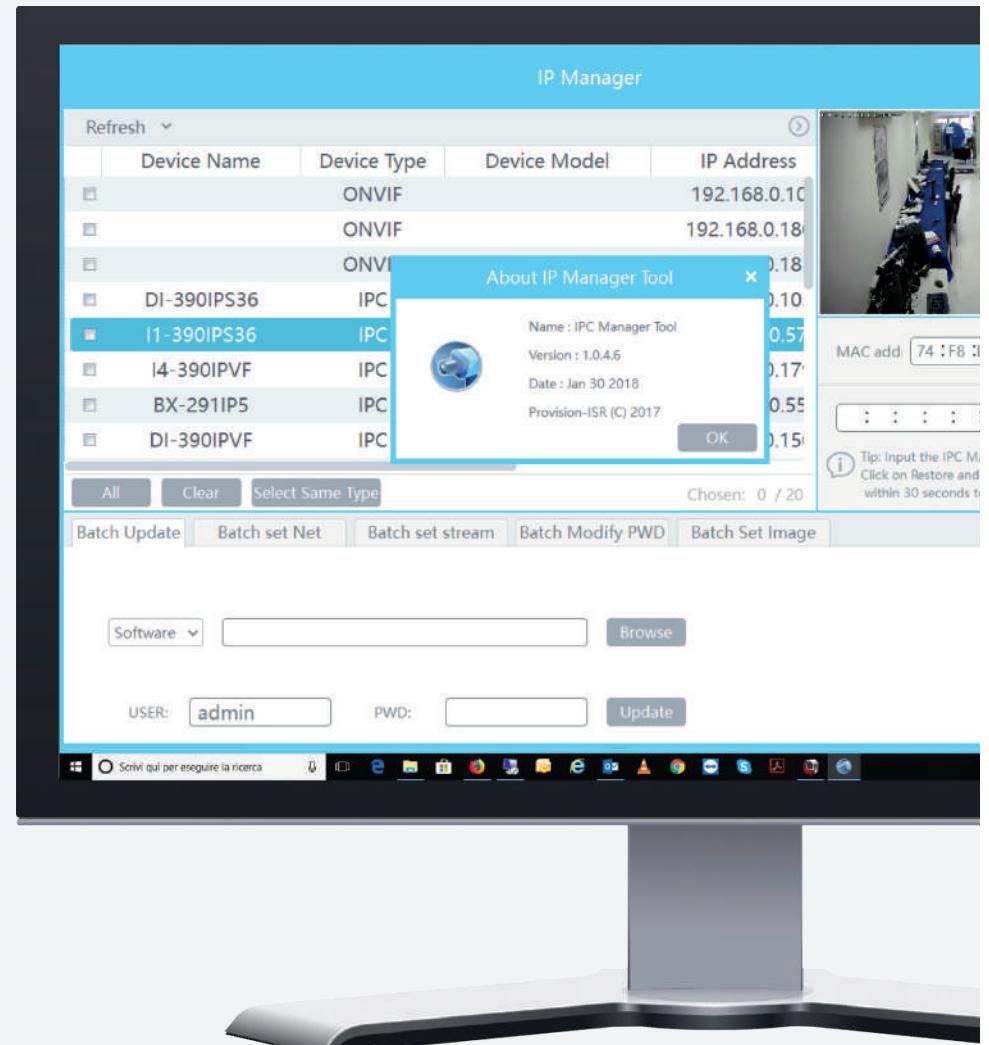
MODIFY PASSWORD

Securing your site is top priority.

This tool will allow you to change the password of all IPCs in just one click.

CAMERA RESET

Possibility to reset the camera directly by means of the tool: additional actions are required for security reasons.



SOFTWARES & APPS: **PROVISION CAM 2**



Provision Cam 2 is a free application for iOS & Android devices. It is compatible with all NVRs, DVRs and static IP Cameras. It offers the users full control over their devices including live view, playback and settings. It is secured against unwanted access, user friendly and intuitive for all users.



MAIN FEATURES

- Up to 100 devices
- Available also for Tablet (Android-IOS)
- Live View in single or multi-channel display mode (Up to 16 Channels)
- Multi device live view
- Single login for all devices
- Gesture password for enhanced security
- 2 Way Audio Support - listen and talk
- Local video recording and playback on your mobile
- Landscape view with full features
- Main/Sub stream view.
- Image snapshot with instant sharing options
- Remote playback with time bar. (Up to 4 channels)
- Remote system configuration
- PTZ control
- Color and camera lens adjustment
- Local startup configuration
- Push notification Support
- Fish-Eye Camera Support
- Face recognition image management
- **Face recognition search capabilities**
- SD Card Playback from IPC.
- Dropbox File Sharing.

Push Notification

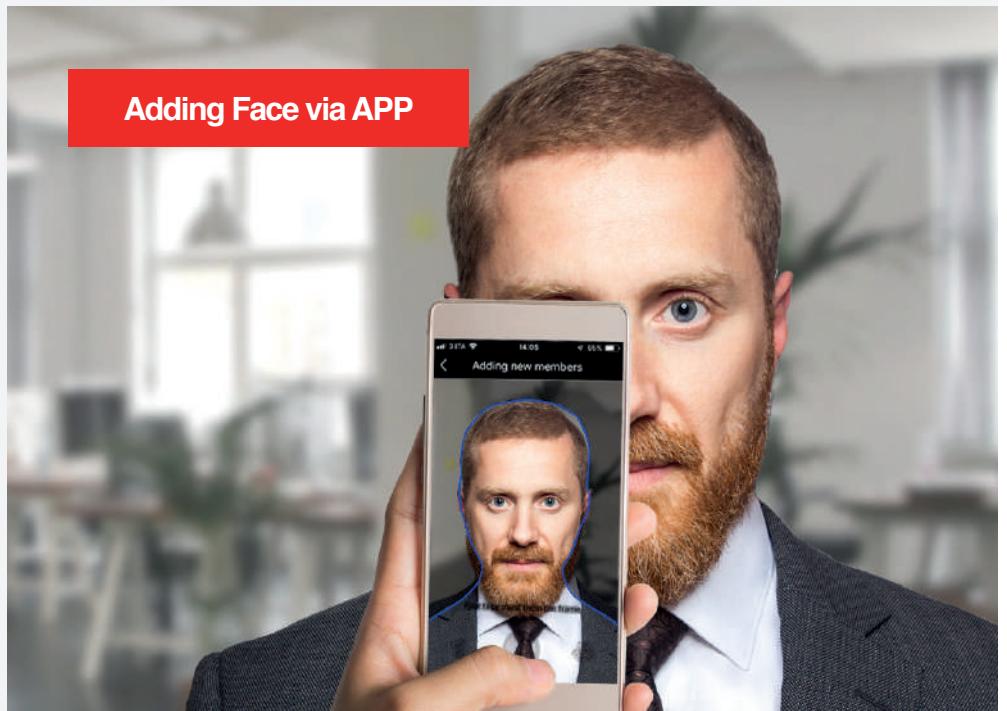
Thanks to the push notification, the user will be able to watch the live video of the installed cameras avoiding the so-called False Alarms. When the event occurs, the burglar alarm system is activated and generates a "push" warning directly on the mobile device of the user who can verify (from remote) the entity of the event detected by the cameras.

Customized Push Notification:

- Motion event Push Notification
- Sensor event Push Notification
- Analytics event Push Notification
- System event Push Notification
- Push Message type live/playback



Adding Face via APP



SOFTWARES & APPS: **PROVISION CAM 2**

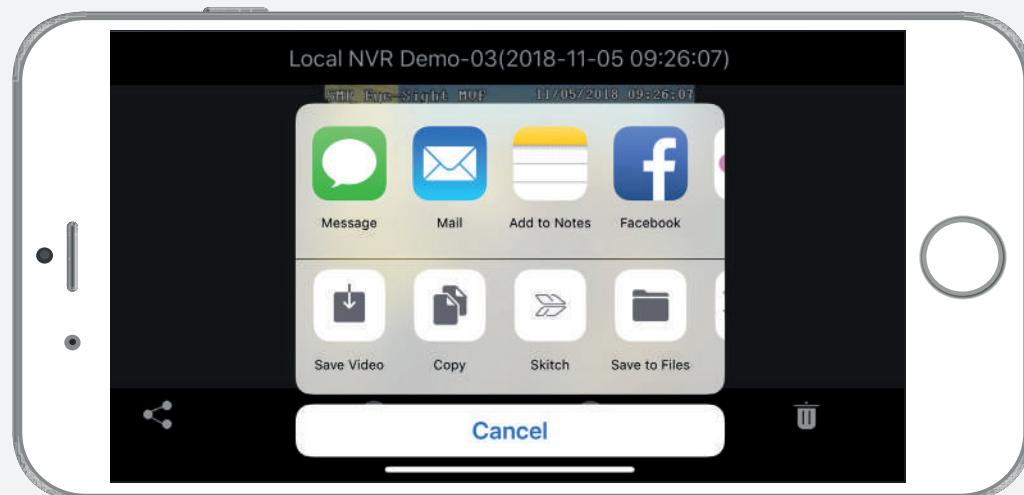
Sd Card playback from IPC

Provision CAM2 can now playback video from IPC with SD Card
(FW version 4.2.1 and higher)
Playback controls are identical to normal playback



Free file sharing

Files locally saved on your phone can now be freely saved to the phone library or shared by any supported application.



MORE ACCURATE, MORE EFFICIENT

Provision-ISR engineers developed Intelligent Video Analytics solutions with the aim of conferring an added value on the IP video surveillance systems included in Provision-ISR range.

The new features coming with Provision-ISR Intelligent Video Analytics solutions allow the camera to automatically detect anomalous situations that occur within its field of view, generating alarm actions followed by immediate notifications.

STERILE AREA

- Detects if any object/person entered the defined area.
- Up to 4 areas can be monitored.



LINE CROSSING

- Alarms when an object crosses a defined line.
- Crossing direction can be chosen.
- Up to 4 lines can be monitored.



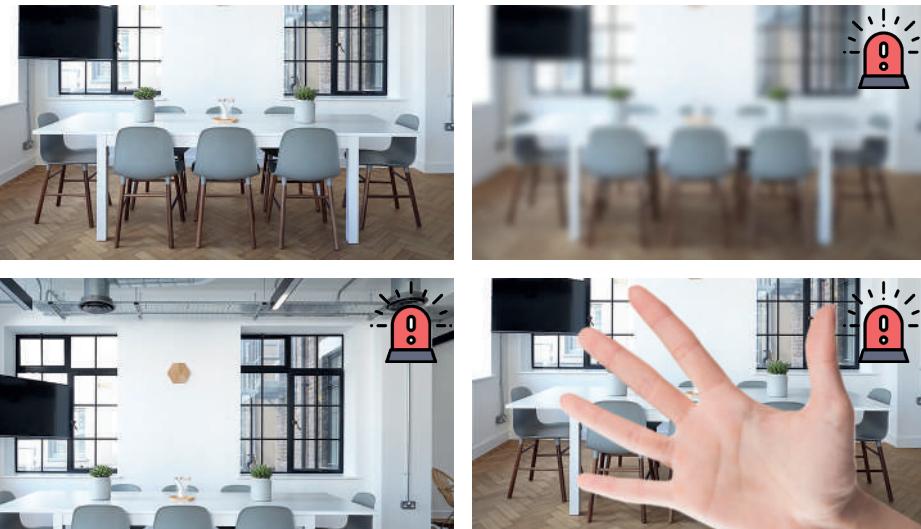
PEOPLE INTRUSION

- Covers the whole scene.
- Detects people movement.
- The alarm trigger is based on the definition of schedule.



CAMERA TAMPERING

- Can detect and alarm 3 situations:
1. Camera shifting: in case the camera was forcibly moved out of place.
 2. Camera masking: detects if the camera was covered or tampered in a way that blocks its view.
 3. Lens tampering: detects lens tampering causing blurred image.



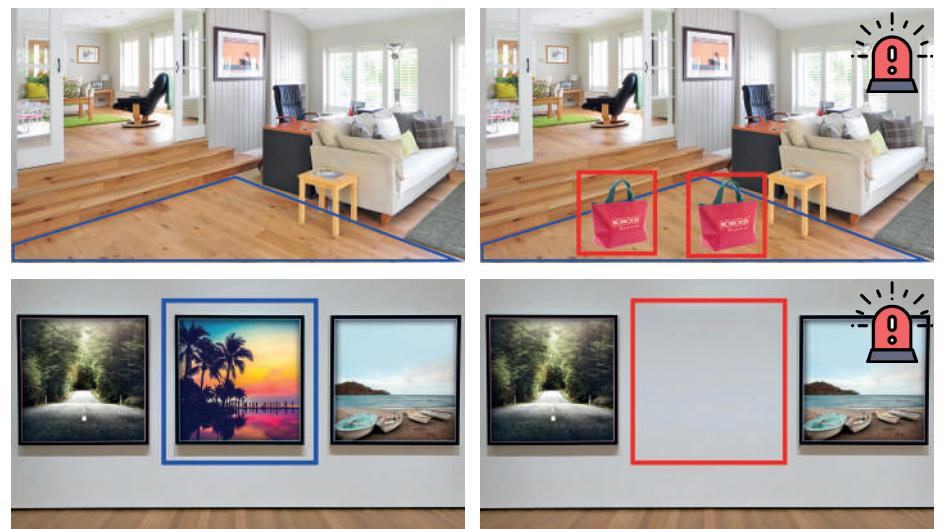
CROWD GATHERING

- Alarms when there is a gathering of people in a preconfigured area.
- The alarm trigger is based on the definitions of area, crowd density (percentage) and schedule.



OBJECT MONITORING

- Monitors either missing or left objects.
- Up to 4 objects/areas can be monitored.



PEOPLE COUNTING

- Enables the camera to count how many people have entered and exited a defined passage and to generate the alarm accordingly.
- The counter can be reset on a daily, weekly or monthly basis.

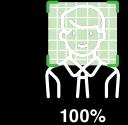


FACE RECOGNITION

The Face Recognition is part of the Intelligent Video Analytics functions developed by Provision-ISR.
If the “face detection” is managed by the camera; the “face recognition” is managed by the NVR.



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



The recognition rate can be up to 98% if the distance between two pupils is higher than 20 pixels. A maximum of 10,000 face pictures can be stored in the NVR face database. The NVR support various triggers and responses upon detection.



- Single person or a group search
- Possibility to get all the events where a person was recognized.
- Quick backup and playback data export.
- Possibility to add new faces to the database.
- Possibility to search new and existing faces using Provision Cam2 Mobile App.



- Detected faces can be registered into the face database with a single click.
- Database can be securely exported and imported to other devices.
- New faces can be added to the database through Provision Cam2 Mobile App.
- The database can be managed locally and remotely using the Web-Client.



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



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

VIDEO ANALYTICS

IP TECHNOLOGY

SMART SOLUTIONS THROUGH THE NETWORK

IP Protocol is the most common for communication between computer networks and the Internet.

Therefore, it is ideal for streaming a high-quality video through networking infrastructure.

IP surveillance technology offers a high-tech flexible solution without compromising reliability or picture quality.

With Provision-ISR's superior built quality, high picture resolution, advanced features and a wide product range, users will surely find their IP based surveillance system solution.

APPLICATIONS:

BASIC: Residential/SOHO PnV IP Cameras, requiring no previous installation knowledge.

MEDIUM: installation featuring a single NVR with several IP cameras.

PLUS: numerous cameras linked by POE switches, NVRs and a professional CMS software.

SERIES



Cost-sensitive
solutions



Incredible night performance



The largest series of cameras
and installers preferred choice



High resolution video stream
with full connectivity alongside
extraordinary night performance



Designed to answer special
installation needs



High zoom potential
360° fast movement
alongside auto tracking movement
and long IR range



ADVANTAGES

ONVIF COMPATIBILITY

Full compatibility with 3rd party
ONVIF devices

H.264 / H.265

Advanced video compression with
minimum effect on video quality

PoE SUPPORT

Possibility to power the cameras through
the same network cables used for data
transmission

ADVANCED DEVICE FEATURES

IP cameras offer not only the video but also
advanced features such as audio, relays,
SD card and advanced Analytics

IP CAMERA MODEL NAME INDEX



Example

I 4 - 3 9 0 I P VF
B X - 2 5 1 I P

Category

| Symbol | Description |
|--------|-----------------------|
| B | Body |
| D | Dome |
| FE | Fish-Eye |
| I | Infra Red (IR) Bullet |
| M | Mini |
| Z | Ultra Z PTZ |

Resolution

| Symbol | Description |
|--------|-------------|
| 9 | 2MP (1080P) |
| 3 | 3MP (New) |
| 4 | 4MP |
| 5 | 5MP |
| 6 | 6MP |
| 8 | 8MP |

Sub-Category

| Symbol | Description |
|--------|--------------------|
| X | No Subcategory |
| A | Anti Vandal |
| AI | Anti Vandal (IR) |
| C | Pinhole Cone Shape |
| I | Infra Red (IR) |
| M | Mini |
| PT | Pan/Tilt |
| 1 | IR 10-19m |
| 3 | IR 30-39m |
| 4 | IR 40-49m |
| 5 | IR 50-59m |
| 8 | IR 80-89m |

CMOS Size

| Symbol | Description |
|--------|-------------|
| 2 | ~1/2" |
| 3 | ~1/3" |
| 4 | 1/4" |

IP PTZ CAMERA MODEL NAME INDEX



Example

Z - 20 IP 1 IR
Z - 30 IP 2

Category

| Symbol | Description |
|--------|-------------|
| Z | Ultra-Z PTZ |

Zoom Ratio

| Symbol | Description |
|--------|------------------|
| 20 | x20 Optical Zoom |
| 30 | x30 Optical Zoom |

Technology

| Symbol | Description |
|--------|-------------|
| IP/IPE | IP |

Resolution

| Symbol | Description |
|--------|-------------|
| 1 | 720P |
| 2 | 1080P |
| 3 | 3MP |

Special Features

| Symbol | Description |
|--------|-----------------|
| IR | IR Illumination |

IP CAMERAS S-SIGHT 2MP

| | DI-390IP5S28 | DI-390IP5S36 | DI-390IP5SVF W/G | I1-390IP5S36 | I3-390IP5SVF |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  | | | | |  |
| Image sensor | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) |
| Effective pixels | 1920X1080 | 1920X1080 | 1920X1080 | 1920X1080 | 1920X1080 |
| Max. resolution | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS |
| Min. illumination | day: 0.1 lux-night: 0.03 lux 0lux IR on | day: 0.1 lux-night: 0.03 lux 0lux IR on | day: 0.1 lux-night: 0.03 lux 0lux IR on | day: 0.1 lux-night: 0.03 lux 0lux IR on | day: 0.1 lux-night: 0.03 lux 0lux IR on |
| Privacy mask | Yes | Yes | Yes | Yes | Yes |
| Video analytics | - | - | - | - | - |
| Image enhancement | Digital WDR,ROI | Digital WDR,ROI | Digital WDR,ROI | Digital WDR,ROI | Digital WDR,ROI |
| Day/night | ICR | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes | Yes |
| IR distance | 15 m (2 High Power IR LED) | 15 m (2 High Power IR LED) | 25 m (2 High Power IR LED) | 15 m (24 IR LED) | 30 m (36 IR LED) |
| Lens | 2,8 mm (102°) | 3,6mm (97°) | 2,8-12 mm (99.4°-40.6°) | 3,6mm (97°) | 2,8-12 mm (92°-34°) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | - | - | - | - | - |
| Audio input | - | - | - | - | - |
| Audio output | - | - | - | - | - |
| SD card | - | - | - | - | - |
| Power supply | DC12V-280mA / PoE-4W | DC12V-280mA / PoE-4W | DC12V-280mA / PoE-4W | DC12V-380mA / PoE-6W | DC12V-500mA / PoE-6,5W |
| Alarm | - | - | - | - | - |
| Video compression | H.265 | H.265 | H.265 | H.265 | H.265 |
| Protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| Junction Box | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B45JB - PR-B37JB+ | PR-B45JB - PR-B47JB+ |

IP CAMERAS S-SIGHT 3MP

| | DI-330IPS36 | DI-330IPSVF | I1-330IPS36 | I3-330IPSVF |
|---|---|---|---|---|
|  |  |  |  |  |
|  | |  | | |
| Image sensor | 1/3" CMOS – 3MP (4:3) | 1/3" CMOS – 3MP (4:3) | 1/3" CMOS – 3MP (4:3) | 1/3" CMOS – 3MP (4:3) |
| Effective pixels | 2048X1536 | 2048X1536 | 2048X1536 | 2048X1536 |
| Max. resolution | 3MP(2048X1536)@1/30FPS | 3MP(2048X1536)@1/30FPS | 3MP(2048X1536)@1/30FPS | 3MP(2048X1536)@1/30FPS |
| Min. illumination | day: 0.06 lux-night: 0.04 lux 0lux IR on | day: 0.06 lux-night: 0.04 lux 0lux IR on | day: 0.06 lux-night: 0.04 lux 0lux IR on | day: 0.06 lux-night: 0.04 lux 0lux IR on |
| Privacy mask | Yes | Yes | Yes | Yes |
| Video analytics | - | - | - | - |
| Image enhancement | Digital WDR, ROI | Digital WDR, ROI | Digital WDR, ROI | Digital WDR, ROI |
| Day/night | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes |
| IR distance | 15 m (2 high power IR LED) | 25 m (2 high power IR LED) | 15 m (24 IR LED) | 30 m (36 IR LED) |
| Lens | 3,6 mm (90°) | 3-11 mm (72° - 27°) | 3,6 mm (90°) | 3-11 mm (72° - 27°) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | - | - | - | - |
| Audio input | - | - | - | - |
| Audio output | - | - | - | - |
| SD card | - | - | - | - |
| Power supply | DC12V-280mA / PoE-4W | DC12V-280mA / PoE-4W | DC12V-380mA / PoE-6W | DC12V-500mA / PoE-6,5W |
| Alarm | - | - | - | - |
| Video compression | H.264 | H.264 | H.264 | H.264 |
| Protection | IP66 | IP66 | IP66 | IP66 |
| Junction Box | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B45JB - PR-B37JB+ | PR-B45JB - PR-B47JB+ |

IP CAMERAS S-SIGHT 5MP

| | DI-350IP5S28 | DI-350IP5S36 | DI-350IP5SMVF | I1-350IP5S36 | I3-350IP5SVF | I3-350IP5SMVF |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| Image sensor | 1/3" CMOS – 5MP (4:3) | 1/3" CMOS – 5MP (4:3) | 1/3" CMOS – 5MP (4:3) | 1/3" CMOS – 5MP (4:3) | 1/3" CMOS – 5MP (4:3) | 1/3" CMOS – 5MP (4:3) |
| Effective pixels | 2592X1944 | 2592X1944 | 2592X1944 | 2592X1944 | 2592X1944 | 2592X1944 |
| Max. resolution | 5MP(2592X1944)@20FPS | 5MP(2592X1944)@20FPS | 5MP(2592X1944)@20FPS | 5MP(2592X1944)@20FPS | 5MP(2592X1944)@20FPS | 5MP(2592X1944)@20FPS |
| Min. illumination | day: 0.045 lux-night: 0.01 lux 0lux IR on | day: 0.045 lux-night: 0.01 lux 0lux IR on | day: 0.045 lux-night: 0.01 lux 0lux IR on | day: 0.045 lux-night: 0.01 lux 0lux IR on | day: 0.045 lux-night: 0.01 lux 0lux IR on | day: 0.045 lux-night: 0.01 lux 0lux IR on |
| Privacy mask | Yes | Yes | Yes | Yes | Yes | Yes |
| Video analytics | Yes | Yes | Yes | Yes | Yes | Yes |
| Image enhancement | BLC, HLC, Digital WDR,ROI | BLC, HLC, Digital WDR,ROI | BLC, HLC, Digital WDR,ROI | BLC, HLC, Digital WDR,ROI | BLC, HLC, Digital WDR,ROI | BLC, HLC, Digital WDR,ROI |
| Day/night | ICR | ICR | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes | Yes | Yes |
| IR distance | 15 m (10 wide angle high power IR LED) | 15 m (2 high power IR LED) | 25 m (2 high power IR LED) | 15 m (24 IR LED) | 30 m (36 IR LED) | 30 m (36 IR LED) |
| Lens | 2.8 mm (93.4°) | 3.6 mm (79.4°) | 3,3-12 mm (81.2°-31.8°) (motorized vari-focal) | 3.6 mm (79.4°) | 3-11 mm (81.2°-31.8°) | 3,3-12 mm (81.2°-31.8°) (motorized vari-focal) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | - | - | - | - | - | - |
| Audio input | - | - | - | - | - | - |
| Audio output | - | - | - | - | - | - |
| SD card | - | - | - | - | - | - |
| Power supply | DC12V-280mA / PoE-4W | DC12V-280mA / PoE-4W | DC12V-280mA / PoE-4W | DC12V-380mA /PoE-6W | DC12V-500mA / PoE-6,5W | DC12V-500mA / PoE-6,5W |
| Alarm | - | - | - | - | - | - |
| Video compression | H.265 | H.265 | H.265 | H.265 | H.265 | H.265 |
| Protection | IP66 | IP66 | IP66 | IP66 | IP66 | IP66 |
| Junction Box | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B45JB - PR-B37JB+ | PR-B45JB - PR-B47JB+ | PR-B45JB - PR-B47JB+ |



VIDEO ANALYTICS:
Camera tampering, line crossing, sterile area, object monitoring, smart search.

H265 SAME QUALITY
BETTER COMPRESSION
REVOLUTION

8_{MP} IP TECHNOLOGY



DAI+280IP5S36



I1-280IP5S36



| | | |
|---------------------|--|--|
| Image sensor | 1/2.5" CMOS – 8MP (16:9) | 1/2.5" CMOS – 8MP (16:9) |
| Effective pixels | 3840x2160 | 3840x2160 |
| Max. resolution | 8MP(3840x2160)@20FPS | 8MP(3840x2160)@20FPS |
| Min. illumination | day: 0.045 lux-night: 0.01 lux 0lux IR on | day: 0.045 lux-night: 0.01 lux 0lux IR on |
| Privacy mask | Yes | Yes |
| Video analytics | Yes | Yes |
| Image enhancement | Digital WDR | Digital WDR |
| Day/night | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes |
| IR distance | 15 m (24 IR LED) | 15 m (24 IR LED) |
| Lens | 3,6mm | 3,6mm |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | - | - |
| Audio input | - | - |
| Audio output | - | - |
| SD card | - | - |
| Power supply | DC12V-440mA / PoE-6.7W | DC12V-380mA / PoE-6W |
| Alarm | - | - |
| Video compression | H.264-H265-MJPEG | H.264-H265-MJPEG |
| Protection | IP66 -IK10 | IP66 |
| Junction Box | PR-B05DWB - PR-B10JB+ | PR-B45JB - PR-B37JB+ |



VIDEO ANALYTICS:

Camera tampering, line crossing, sterile area, object monitoring, smart search.

H265 SAME QUALITY
BETTER COMPRESSION
REVOLUTION

IP CAMERAS X-SIGHT 2MP

DI-390IPA36



DI-390IPAVF



I1-390IPA36



I3-390IPAVF



| Image sensor | 1/2.8" CMOS – 2MP (16:9) |
|---------------------|--|--|--|--|
| Effective pixels | 1920X1080 | 1920X1080 | 1920X1080 | 1920X1080 |
| Max. resolution | 2MP(1920X1080)@25/30FPS | 2MP(1920X1080)@25/30FPS | 2MP(1920X1080)@25/30FPS | 2MP(1920X1080)@25/30FPS |
| Min. illumination | Day: 0,005 lux-night: 0,0004 Lux, 0lux (IR On) | Day: 0,005 lux-night: 0,0004 Lux, 0lux (IR On) | Day: 0,005 lux-night: 0,0004 Lux, 0lux (IR On) | Day: 0,005 lux-night: 0,0004 Lux, 0lux (IR On) |
| Privacy mask | Yes | Yes | Yes | Yes |
| Video analytics | - | - | - | - |
| Image enhancement | Digital WDR, ROI | Digital WDR, ROI | Digital WDR, ROI | Digital WDR, ROI |
| Day/night | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes |
| IR distance | 15 m (2 High Power IR LED) | 25 m (2 High Power IR LED) | 15 m (24 IR LED) | 30 m (42 IR LED) |
| Lens | 3,6 mm (85.8°) | 2,8-12mm (95.7°-35.9°) | 3,6 mm (85.8°) | 2,8-12mm (95.7°-35.9°) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | - | - | - | - |
| Audio input | - | - | - | - |
| Audio output | - | - | - | - |
| SD card | - | - | - | - |
| Power supply | DC12V-280mA / PoE-4W | DC12V-450mA / PoE-7W | DC12V-380mA / PoE-6W | DC12V-500mA / PoE-6,5W |
| Alarm | - | - | - | - |
| Video compression | H.264+ | H.264+ | H.264+ | H.264+ |
| Protection | IP66 | IP66 | IP66 | IP66 |
| Junction Box | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B45JB - PR-B37JB+ | PR-B45JB - PR-B47JB+ |

IP CAMERAS EYE-SIGHT 2MP

| | DMA-390IP528 | DAI+390IP536 | DAI+390IP5MVF | I3-390IP536 | I4-390IP5MVF |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Image sensor | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) | 1/2.7" CMOS – 2MP (16:9) |
| Effective pixels | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 |
| Max. resolution | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS | 2MP(1920x1080)@25/30FPS |
| Min. illumination | day: 0.022 lux-night: 0,01lux 0lux IR on | day: 0.022 lux-night: 0,01lux 0lux IR on | day: 0.022 lux-night: 0,01lux 0lux IR on | day: 0.022 lux-night: 0,01lux 0lux IR on | day: 0.022 lux-night: 0,01lux 0lux IR on |
| Privacy mask | Yes | Yes | Yes | Yes | Yes |
| Video analytics | Yes | Yes | Yes | Yes | Yes |
| 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 |
| Day/night | ICR | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes | Yes |
| IR distance | 10 m (12 IR led) | 15 m (16 power IR led) | 25 m (30 IR led) | 30 m (42 IR led) | 40 m (48 IR led) |
| Lens | 2.8 mm (101.7°) | 3.6 mm (80.3°) | 3.3-12 mm motorized lens (109.8°-38.5°) | 3.6 mm (80.3°) | 3.3-12 mm motorized lens (109.8°-38.5°) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) |
| Audio input | Yes + built-in microphone | Yes | Yes | Yes | Yes |
| Audio output | - | Yes | Yes | - | Yes |
| SD card | Max 128 GB (Micro SD) | Max 128 GB (Micro SD) | Max 128 GB (Micro SD) | - | Max 128 GB (Micro SD) |
| Power supply | DC12V-340mA / PoE-4.7W | DC12V-440mA / PoE-6.7W | DC12V-360mA / PoE-6.2W | DC12V-500mA / PoE-6.5W | DC12V-600mA / PoE-8.5W |
| Alarm | - | - | 1 In / 1 Out | - | 1 In / 1 Out |
| Video compression | H.264-H265 | H.264-H265 | H.264-H265 | H.264-H265 | H.264-H265 |
| Protection | IP66 - IK10 | IP66 -IK10 | IP66 -IK10 | IP66 | IP66 |
| Junction Box | PR-B05DWB - PR-B10BJB | PR-B05DWB - PR-B10BJB+ | PR-B10DJB+ | PR-B45JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ |



VIDEO ANALYTICS:
Camera tampering, line crossing, sterile area, smart search.

H265 SAME QUALITY BETTER COMPRESSION
REVOLUTION

IP CAMERAS EYE-SIGHT 4MP

| | BX-342IP5 | DMA-340IP528 | DMA-340IP536 | I5-340IP5MVF+ | I8-340IP5MVF+ |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Image sensor | 1/3" CMOS – 4MP (16:9) | 1/3" CMOS – 4MP (16:9) | 1/3" CMOS – 4MP (16:9) | 1/3" CMOS – 4MP (16:9) | 1/3" CMOS – 4MP (16:9) |
| Effective pixels | 2688X1520 | 2688X1520 | 2688X1520 | 2688X1520 | 2688X1520 |
| Max. resolution | 4MP(2688X1520)@25/30FPS | 4MP(2560X1440)@25/30FPS | 4MP(2560X1440)@25/30FPS | 4MP(2560X1440)@25/30FPS | 4MP(2560X1440)@25/30FPS |
| Min. illumination | 0,01lux | day: 0,045 lux-night: 0,01lux 0lux IR on | day: 0,045 lux-night: 0,01lux 0lux IR on | day: 0,045 lux-night: 0,01lux 0lux IR on | day: 0,045 lux-night: 0,01lux 0lux IR on |
| Privacy mask | Yes | Yes | Yes | Yes | Yes |
| Video analytics | Yes | Yes | Yes | Yes | Yes |
| 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 |
| Day/night | ICR | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes | Yes |
| IR distance | - | 10 m (12 IR LED) | 10 m (12 IR LED) | 50m (4 LED ARRAY) | 80m (4 LED ARRAY) |
| Lens | CS Mount | 2,8mm (107°) | 3,6 mm (71°) | 3,3-12mm motorized vari-focal | 9-22mm motorized vari-focal |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) |
| Audio input | Yes | Yes (built-in microphone) | Yes (built-in microphone) | Yes | Yes |
| Audio output | Yes | - | - | Yes | Yes |
| SD card | Max 64 GB (Micro SD) | Max 128 GB (Micro SD) | Max 128 GB (Micro SD) | Max 128 GB (SD-card) | Max 128 GB (SD-card) |
| Power supply | DC12V-320mA / PoE-6W | DC12V-340mA / PoE-4,7W | DC12V-340mA / PoE-4,7W | DC12V-980mA / PoE-14W | DC12V-980mA / PoE-14W |
| Alarm | 1 In / 1 Out | - | - | 1 In / 1 Out | 1 In / 1 Out |
| Video compression | H.264-H265 | H.264-H265 | H.264-H265 | H.264-H265 | H.264-H265 |
| Protection | - | IP66-IK10 | IP66-IK10 | IP66 | IP66 |
| Junction Box | - | PR-B05DWB - PR-B10BJB | PR-B05DWB - PR-B10BJB | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ |



VIDEO ANALYTICS:
Camera tampering, line crossing, sterile area, object monitoring, people intrusion, people gathering, people counting, smart search.

H265 SAME QUALITY BETTER COMPRESSION
REVOLUTION

IP CAMERAS EYE-SIGHT 5MP

| | DI-250IP528 | DI-250IP536 W/G | DI-250IP5MVF | DAI+250IP536 | DAI+250IP5VF |
|---|---|---|--|--|---|
|  |  |  |   |   |  |
| Image sensor | 1/2.5" CMOS - 5MP (4:3) | 1/2.5" CMOS - 5MP (4:3) | 1/2.5" CMOS – 5MP (4:3) | 1/2.5" CMOS - 5MP (4:3) | 1/2.5" CMOS - 5MP (4:3) |
| Effective pixels | 2592x1944 | 2592x1944 | 2592x1944 | 2592x1944 | 2592x1944 |
| Max. resolution | 5MP(2592x1944)@25/30 FPS | 5MP(2592x1944)@25/30 FPS | 5MP(2592x1944)@25/30 FPS | 5MP(2592x1944)@25/30 FPS | 5MP(2592x1944)@25/30 FPS |
| Min. illumination | Day: 0.013lux / Night: 0.003lux | Day: 0.013lux / Night: 0.003lux | Day: 0,036Lux-Night: 0,009Lux 0 Lux IR On | Day: 0.013lux / Night: 0.003lux | Day: 0.013lux / Night: 0.003lux |
| Privacy mask | Yes | Yes | Yes | Yes | Yes |
| Video analytics | Yes | Yes | Yes | Yes | Yes |
| 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 |
| Day/night | ICR | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes | Yes |
| IR distance | 15m (10 Wide Angle High Power IR LED) | 15m (2 High Power IR LED) | 25 m (2 High Power IR LED) | 15m (16 High Power IR LED) | 25m (30 IR LED) |
| Lens | 2.8mm (98°) | 3.6mm (84.5°) | 3,3-12 mm (98°-36°) | 3.6mm (84.5°) | 3.3-10.5mm (94°-35°) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | CVBS (RCAx1) | CVBS (RCAx1) | CVBS (BNCx1) | CVBS | CVBS (BNCx1) |
| Audio input | Yes | Yes | Yes | Yes | Yes |
| Audio output | - | - | - | - | Yes |
| SD card | - | - | - | Up to 128 Gb | Up to 128 Gb |
| Power supply | DC12V/~280mA / PoE/~4W | DC12V/~280mA / PoE/~4W | DC12V-280mA / PoE-4W | DC12V/~440mA / PoE/~6.7W | DC12V/~360mA / PoE/~6.2W |
| Alarm | - | - | - | - | 1 In / 1 Out |
| Video compression | H.264-H265 | H.264-H265 | H.264-H265 | H.264-H265 | H.264-H265 |
| Protection | IP66 | IP66 | IP66 | IP66 -IK10 | IP66 -IK10 |
| Junction Box | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B05DWB - PR-B10JB+ | PR-B10DJB+ |



VIDEO ANALYTICS:

Camera tampering, line crossing, sterile area, object monitoring, people intrusion, people gathering, people counting, smart search, face detection.

H265 SAME QUALITY BETTER COMPRESSION
REVOLUTION

IP CAMERAS EYE-SIGHT 5MP

| | I1-250IP536 | I3-250IP536 | I4-250IP5VF | I4-250IP5MVF |
|---|---|--|---|---|
|  |  |  |  |  |
|  | | | |  |
| Image sensor | 1/2.5" CMOS - 5MP (4:3) | 1/2.5" CMOS - 5MP (4:3) | 1/2.5" CMOS - 5MP (4:3) | 1/2.5" CMOS - 5MP (4:3) |
| Effective pixels | 2592X1944 | 2592X1944 | 2592X1944 | 2592X1944 |
| Max. resolution | 5MP(2592x1944)@25/30 FPS | 5MP(2592x1944)@25/30 FPS | 5MP(2592x1944)@25/30 FPS | 5MP(2592x1944)@25/30 FPS |
| Min. illumination | Day: 0.013lux / Night: 0.003lux | Day: 0,013Lux-Night: 0,003Lux 0 Lux IR On | Day: 0,013Lux-Night: 0,003Lux 0 Lux IR On | Day: 0,036Lux-Night: 0,009Lux 0 Lux IR On |
| Privacy mask | Yes | Yes | Yes | Yes |
| Video analytics | Yes | Yes | Yes | Yes |
| 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 |
| Day/night | ICR | ICR | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes | Yes |
| IR distance | 15m (30 IR LED) | 30 m (42 IR LED) | 40 m (48 IR LED) | 40 m (48 IR LED) |
| Lens | 3.6mm (84.5°) | 3.6 mm (84.5°) | 3.3-10.5 mm (94°-35°) | 3.3-12 mm (98°-36°) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | CVBS (BNCx1) | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) |
| Audio input | Yes | Yes | Yes | Yes |
| Audio output | - | - | Yes | Yes |
| SD card | - | - | Max 128 GB (Micro SD) | Max 128 GB (Micro SD) |
| Power supply | DC12V/~380mA / PoE/~6W | DC12V-500mA / PoE-6.5W | DC12V-600mA / PoE-8.5W | DC12V-600mA / PoE-8.5W |
| Alarm | - | - | 1 In / 1 Out | 1 In / 1 Out |
| Video compression | H.264-H265 | H.264-H265 | H.264-H265 | H.264-H265 |
| Protection | IP66 | IP66 | IP66 | IP66 |
| Junction Box | PR-B45JB - PR-B37JB+ | PR-B45JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ | PR-B55JB - PR-B47JB+ |



VIDEO ANALYTICS:

Camera tampering, line crossing, sterile area, object monitoring, people intrusion, people gathering, people counting, smart search, face detection.

H265 SAME QUALITY
BETTER COMPRESSION
REVOLUTION

IP CAMERAS EYE-SIGHT 8MP



DAI+280IP5MVF



4K

I4-280IP5MVF



4K

| | | |
|---------------------|---|---|
| Image sensor | 1/2.5" CMOS – 8MP (16:9) | 1/2.5" CMOS – 8MP (16:9) |
| Effective pixels | 3860x2140 | 3860x2140 |
| Max. resolution | 8MP(3860x2140) @1-25/30FPS | 8MP(3860x2140) @1-25/30FPS |
| Min. illumination | Day: 0,68 Lux-Night: 0.003 Lux 0 Lux IR On | Day: 0,68 Lux-Night: 0.003 Lux 0 Lux IR On |
| Privacy mask | Yes | Yes |
| Video analytics | Yes | Yes |
| Image enhancement | True WDR (120dB), BLC/HLC/ROI | True WDR (120dB), BLC/HLC/ROI |
| Motion detection | Yes | Yes |
| Day/night | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR |
| IR distance | 25 m (30 IR LED) | 40 m (48 IR LED) |
| Lens | 3.3-12 mm (97.5°-38.5°) (motorized vari-focal) | 3.3-12 mm (97.5°-38.5°) (motorized vari-focal) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | CVBS (BNCX1) | CVBS (BNCX1) |
| Audio input | Yes | Yes |
| Audio output | Yes | Yes |
| SD card | Up to 128 Gb (Micro SD) | Up to 128 Gb (Micro SD) |
| Power supply | DC12V-360mA / PoE-6,2W | DC12V-600mA / PoE-8,5W |
| Alarm | 1 In / 1 Out | 1 In / 1 Out |
| Video compression | H.264-H265 | H.264-H265 |
| Protection | IP66-IK10 | IP66 |
| Junction Box | PR-B10DJB+ | PR-B55JB - PR-B47JB+ |



VIDEO ANALYTICS:

Camera tampering, line crossing, sterile area, object monitoring, people intrusion, people gathering, people counting, smart search, face detection.

IP CAMERAS DARK-SIGHT 5MP



DAI-251IP5VF



I4-251IP5VF+



| | | |
|---------------------|--|--|
| Image sensor | 1/1.8" CMOS – 5MP (4:3) | 1/1.8" CMOS – 5MP (4:3) |
| Effective pixels | 2592X1944 | 2592X1944 |
| Max. resolution | 5MP(2592X1944) @25/30FPS | 5MP(2592X1944) @25/30FPS |
| Min. illumination | Day: 0.009 Lux-Night: 0.003 Lux 0 Lux IR On | Day: 0.009 Lux-Night: 0.003 Lux 0 Lux IR On |
| Privacy mask | Yes | Yes |
| Video analytics | - | Yes |
| Image enhancement | Digital WDR, ROI | True WDR (120dB), BLC/HLC/ROI |
| Day/night | ICR | ICR |
| Noise reduction | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes |
| IR distance | 25 m (30 IR LED) | 40 m (48 IR LED) |
| Lens | 3,3-10,5 mm (83.7°-36.7°) | 3,3-10,5 mm (83.7°-36.7°) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) |
| Analog video output | CVBS (BNCX1) | CVBS (BNCX1) |
| Audio input | Yes | Yes |
| Audio output | Yes | Yes |
| SD card | Up to 64 Gb (Micro SD) | Up to 128 Gb (Micro SD) |
| Power supply | DC12V-360mA / PoE-6,2W | DC12V-600mA / PoE-8,5W |
| Alarm | 1 In / 1 Out | 1 In / 1 Out |
| Video compression | H.264-H265 | H.264-H265 |
| Protection | IP66-IK10 | IP66 |
| Junction Box | PR-B10DJB | PR-B55JB - PR-B47JB+ |



VIDEO ANALYTICS:

Camera tampering, line crossing, sterile area, object monitoring, people intrusion, people gathering, people counting, smart search.

H265 SAME QUALITY BETTER COMPRESSION
REVOLUTION

IP CAMERAS SPECIAL



BX-291IP5



MC-392IP543



FEI-360IP5



DVS-IP5-4



| | | | |
|---------------------|---------------------------------|---------------------------------|---|
| Image sensor | 1/1.9" CMOS – 2MP (16:9) | 1/1.3" CMOS – 2MP (16:9) | 1/2.9" CMOS – 6MP |
| Effective pixels | 1920x1080 | 1920x1080 | 2160x2160 |
| Max. resolution | 2MP(1920x1080) @25/30FPS | 2MP(1920x1080) @25/30FPS | 5MP(2160x2160) @1-25/30FPS |
| Min. illumination | Day: 0.0028Lux-Night: 0.0003Lux | Day: 0.04Lux-Night: 0.01Lux | Day: 0.04Lux-Night: 0.01Lux 0lux IR ON |
| Privacy mask | Yes | Yes | Yes |
| Video analytics | Yes + Face recognition | - | - |
| Image enhancement | True WDR (120dB), BLC/HLC/ROI | Digital WDR, BLC/HLC/ROI | Digital WDR, BLC/HLC/ROI |
| Day/night | ICR | - | ICR |
| Noise reduction | 3D-DNR | 3D-DNR | 3D-DNR |
| Motion detection | Yes | Yes | Yes |
| IR distance | - | - | 15 m (6 High power IR LED wide angle) |
| Lens | CS Mount | 4,3 mm (62°) | 1.07 mm (360° ceiling mounting 180° wall mounting) |
| Network / Ethernet | RJ45 (+PoE) | RJ45 | RJ45 (+PoE) |
| Analog video output | CVBS (BNCX1) | CVBS (BNCX1) | CVBS (BNCX1) |
| Audio input | Yes | Yes (built-in microphone) | Yes - built-in microphone |
| Audio output | Yes | - | Yes |
| SD card | Up to 128 Gb (Micro SD) | Up to 128 Gb (Micro SD) | Up to 128 Gb (Micro SD) |
| Power supply | DC12V-320mA/AC24V-160mA/PoE-6W | DC12V-150mA | DC12V-300mA / PoE-3W |
| Alarm | 1 In / 1 Out | - | 1 In / 1 Out |
| Video compression | H.264-H265 | H.264-H265 | H.264-H265 |
| Protection | - | - | IK10 |
| Junction Box | - | - | PR-B50JB |



VIDEO ANALYTICS:

Camera tampering, line crossing, sterile area, object monitoring, people intrusion, people gathering, people counting, smart search.



VIDEO SERVER

| | |
|-----------------------|--|
| Video input | 1CH Standard BNC (1.0Vp-p, impedance : 75Ω) |
| Input signal | AHD (4MP and Lower) / TVI (2MP and Lower) / CVBS |
| Supported resolution | 4 MP |
| Framerate | 1-25 / 30 FPS |
| Noise reduction | Yes |
| Motion detection | Yes |
| Privacy mask | Yes |
| Video analytics | Yes |
| Image orientation | Mirror / flip / corridor mode |
| Multistream | 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 (BNCX1) |
| 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 |
| Dimension | 140 mm x 75 mm x 30 mm |
| Operation temperature | -20°C / 55°C |
| Junction Box | - |



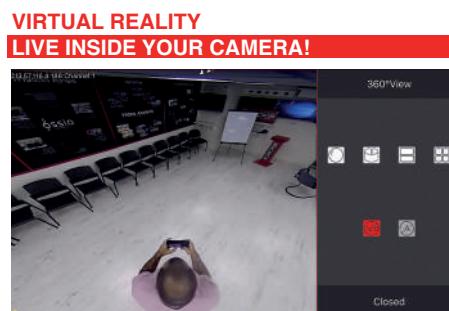
VIDEO ANALYTICS:

Camera tampering, line crossing, sterile area, object monitoring.

FISHEYE 360° VIRTUAL REALITY

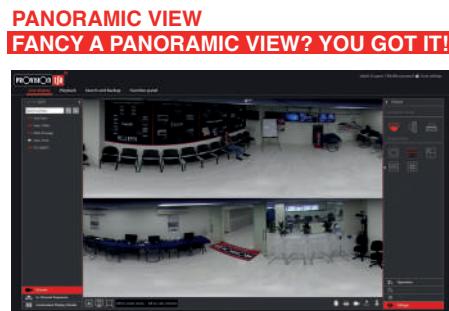
Offering a 360-degree vision is the main advantage of Provision-ISR panoramic camera. The extension of the visual field guaranteed by this device allows the user to gain an excellent overview avoiding the so-called blind spots.

Fish-eye cameras are designed to cover 360° view for ceiling/desktop installation and 180° for wall installation. The fish-eye image can be manipulated by supported devices to be viewed in different methods, such as panoramic view, 360° stretched view and multiple digital PTZ cameras view. These manipulations can take place during live view or playback without affecting the recorded video.



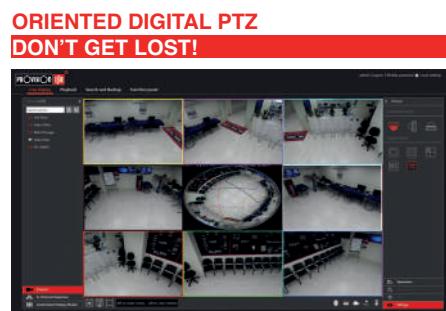
VIRTUAL REALITY LIVE INSIDE YOUR CAMERA!

View the image as if you are standing directly beneath the camera. Moving the viewing device will move the camera image accordingly.



Display the image in 2 slices of 180° (Front and back).
The displayed slices can be scrolled left/right.

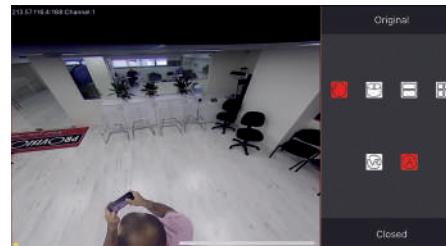
PANORAMIC VIEW FANCY A PANORAMIC VIEW? YOU GOT IT!



ORIENTED DIGITAL PTZ DON'T GET LOST!

Know where you are looking at in any given moment with the new orientation technology. Each PTZ screen will be marked with a unique color.

DIGITAL PTZ WANT TO LOOK AROUND? NO PROBLEM!

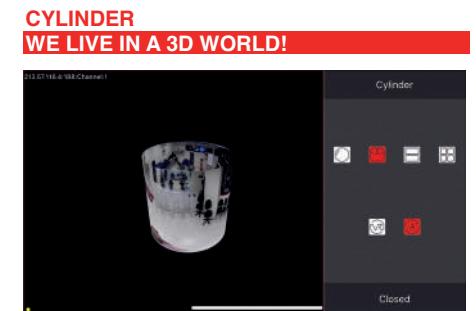


Displays the image as full screen PTZ.
The image position can be adjusted and zoomed accordingly.



360°/180° STRETCHED VIEW STRETCH IT UP!

Enjoy a fully stretched image of a 360° fish-eye sphere.



CYLINDER WE LIVE IN A 3D WORLD!

Displays the 360° view as a 3D cylinder that can be rotated and zoomed with a swipe of a finger.

IP CAMERAS PTZ | 2 MP - 3 MP - 4 MP

| | I5PT-390IPX4-P | I5PT-390IPX10-P | I10PT-390IPX20 | I10PT-330IPX20 | I5PT-340IPX10 |
|------------------------------|---|--|---|---|---|
| PTZ |  |  |  |  |  |
| Image sensor | 1/2.9" CMOS – 2MP (16:9) | 1/2.9" CMOS – 2MP (16:9) | 1/2.9" CMOS – 2MP (16:9) | 1/2.9" CMOS – 3MP (4:3) | 1/3" CMOS – 4MP (16:9) |
| Effective pixels | 1920X1080 | 1920X1080 | 1920X1080 | 2048x1536 | 2560X1440 |
| Max. resolution | 2MP(1920X1080)@1-25/30FPS | 2MP(1920X1080)@1-25/30FPS | 2MP(1920X1080)@1-25/30FPS | 3MP(2048x1536)@1-25/30FPS | 4MP(2560X1440)@1-25/30FPS |
| Min. illumination | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) |
| Lens | 2,8-12 mm Motorized VF with Auto Focus | 5,1-51 mm Motorized VF with Auto Focus | 4,7-97 mm Motorized VF with Auto Focus | 4,7-97 mm Motorized VF with Auto Focus | 5,1-51 mm Motorized VF with Auto Focus |
| Pan/Tilt Range | 250° Pan Rotation 65° Continuous Tilt | 250° Pan Rotation 65° Continuous Tilt | 360° Pan (From 0° Tilt level)/ 95° Tilt | 360° Pan (From 0° Tilt level)/ 95° Tilt | 250° Pan / 65° Tilt |
| Pan/Tilt Speed | 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) | Tilt: 0.5~80°/s Pan: 0.5~20°/s (Proportional to Zoom) | 0.5~12°/Sec (Proportional to Zoom) |
| Pan/Tilt Preset speed | 12°/s | 12°/s | Tilt: 80°/s Pan: 20°/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: 55.8°(Wide) to 3.2°(Tele) | H: 54.1°(Wide) to 5.8°(Tele) |
| Privacy mask | Yes | Yes | Yes | Yes | Yes |
| Video analytics | - | - | - | - | - |
| Image enhancement | Digital WDR | 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 | 50 m | 50 m | 100 m | 100 m | 50 m |
| Network / Ethernet | RJ45 (+PoE) | RJ45 (+PoE) | RJ45 | RJ45 | RJ45 |
| Analog video output | - | - | - | - | - |
| Audio input | - | - | Yes | Yes | - |
| Audio output | - | - | Yes | Yes | - |
| Power supply | DC12V / 2A - PoE | DC12V / 2A - PoE | DC12V / 3A | DC12V / 3A | DC12V / 2A |
| Alarm | - | - | 1 In - 1 Out | 1 In - 1 Out | - |
| Video compression | H.264 | H.264 | H.264 | H.264 | H.264 |
| Protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| Junction Box | - | - | - | - | - |

IP CAMERAS SPEED-DOME | 2MP - 3 MP

| | MZ-20IP-2(IR) | Z-20IPE-2(IR)* | Z-30IPE-2(IR)* | Z-20IP-3(IR)* | Z-30IP-3(IR)* |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Image sensor | 1/2.8" CMOS – 2MP (16:9) | 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 | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) | 0,05lux (Colour), 0,01lux (B&W),0lux(IR On) |
| Lens | X20 - 3.5-97mm | X20 - 3.5-97mm | X30 - 5-129mm | X20 - 3.5-97mm | X30 - 5-129mm |
| Pan/Tilt Range | 360° (Endless) / -10°~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 | 54.1° (Wide) ~ 2.8° (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 | Yes |
| Video analytics | - | - | - | - | - |
| Image enhancement | Digital WDR | 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 | DC12V/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.264 | H.264 | H.264 | H.264 |
| Protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| Junction Box | page 68 | page 68 | page 68 | page 68 | page 68 |

*Auto tracking option available

NVR

NETWORK VIDEO RECORDER

In standard installations - the NVR will be 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 in the same way as it is already compressed by the camera.

CONVENTIONAL NVRs

This line of NVR is connected to the network and communicates with the IP cameras through the general network, without the need of direct IP camera connection.

This provides the installer highest flexibility in the design of the system and the wiring.

Basic knowledge in networking and general IP configuration is required.

POE NVRs

This line of NVRs performs as a local network switch by creating a closed internal network for the IP cameras. The IP cameras will be 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 of the channels to communicating with any ONVIF camera connected to the network. No previous knowledge is required for this type of installation.

ONVIF

All of our NVRs support ONVIF that can be upgraded when newer versions are released.

ONVIF is a communication protocol for IP cameras and NVRs. It became the standard protocol and assists IP cameras and NVRs from different companies to be able to interact with each other simply and effectively.

Our engineers keep improving and updating the ONVIF compatibility of our IP equipment in order to give the installers the easiest way of working with Provision-ISR IP Products.



CODE READING INSTRUCTIONS

| NVR RESOLUTION | No. OF CHANNELS | TOTAL FPS | SPECIAL FEATURES | CASE TYPE |
|------------------|-----------------|-----------|------------------|-----------|
| N V R # | O | # # # | O O | X X |
| N V R 5 - | 8 | 2 0 0 | P X | M M |
| N V R 8 - | 16 | 4 0 0 | | 2 U |

NVR Resolution

| Symbol | Description |
|--------|---------------|
| NVR5 | 5MP Real-Time |
| NVR8 | 8MP Real-Time |

No. of Channels

| Symbol | Description |
|--------|--------------|
| 4 | 4 Channels |
| 8 | 8 Channels |
| 16 | 16 Channels |
| 32 | 32 Channels |
| 64 | 64 Channels |
| 128 | 128 Channels |

Total FPS

| Symbol | Description |
|--------|----------------------------------|
| 50 | 50 FPS (PAL) / 60 FPS (NTSC) |
| 100 | 100 FPS (PAL) / 120 FPS (NTSC) |
| 200 | 200 FPS (PAL) / 240 FPS (NTSC) |
| 400 | 400 FPS (PAL) / 480 FPS (NTSC) |
| 800 | 800 FPS (PAL) / 960 FPS (NTSC) |
| 1600 | 1600 FPS (PAL) / 1920 FPS (NTSC) |

Special Features

| Symbol | Description |
|--------|----------------------|
| X | Economy Series |
| P | PoE Support |
| E | H.264 Economy Series |
| F | Face recognition |
| A | Alarm |
| R | RAID support |

Case Type

| Symbol | Description |
|--------|--------------------------------|
| "None" | Small 1U Case - 1HDD Support |
| MM | Mini Metal Case - 1HDD Support |
| 1U | 1U Case - 2HDD Support |
| 1.5U | 1.5U Case - 4HDD Support |
| 2U | 2U Case - 8HDD Support |
| 3U | 3U Case - 16 HDD Support |

NVRs 5MP - 4CH

NVR5-4100E(MM)

Onvif
NVR5-4100X+(MM)

Onvif
NVR5-4100PX+(MM)


| Channels | 4 Channels | 4 Channels | 4 Channels |
|------------------------|---|---|---|
| PoE | - | - | 4 |
| Video output | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 |
| Max. Recording | 4CH 5MP Real Time | 4CH 5MP Real Time | 4CH 5MP Real Time |
| Video compression | H264 | H264 - H265 | H264 - H265 |
| Alarms | None - IPC Inputs/outputs only | 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 | In: IPC inputs only Out: IPC outputs only |
| Playback | 4CH | 4CH | 4CH |
| Backup format | AVI/DAT | AVI/DAT | AVI/DAT |
| Browsers | IE, Safari | IE, Safari | IE, Safari |
| OS | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 |
| CMS | Yes | Yes | Yes |
| Video analytics | Yes (Must be supported by IPC) | Yes (Must be supported by IPC) | Yes (Must be supported by IPC) |
| APP smart-phone/Tablet | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) |
| Users connections | 10 simultaneously | 10 simultaneously | 10 simultaneously |
| Hard Disk | 1 SATA (6 TB Max) | 1 SATA (6 TB Max) | 1 SATA (6 TB Max) |
| Cloud connection | App & WEB page | App & WEB page | App & WEB page |
| Bandwidth (IN/OUT) | 32 Mbps IN / 32 Mbps OUT | 32 Mbps IN / 32 Mbps OUT | 24 Mbps IN / 24 Mbps OUT |
| Ethernet | 1xRJ45 (100Mbps) | 1xRJ45 (100Mbps) | 1xRJ45 (100Mbps) |
| Power supply | DC12V-2A | DC12V-2A | DC12V-2A |
| Dimensions | 255x220x45mm | 255x220x45mm | 255x220x45mm |



SUPPORTED ANALYTICS:
Camera tampering, line crossing, sterile area, Object Monitoring, smart search.

NVRs 5MP - 8CH

NVR5-8200E(MM)

OnVIF
NVR5-8200X+(MM)

OnVIF
NVR5-8200PX+(MM)


| Channels | 8 Channels | 8 Channels | 8 Channels |
|------------------------|---|---|---|
| PoE | - | - | 8 |
| Video output | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 |
| Max. Recording | 8CH 5MP Real Time | 8CH 5MP Real Time | 8CH 5MP Real Time |
| Video compression | H264 | H264-h265 | H264 - H265 |
| Alarms | None - IPC Inputs/outputs only | 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 | In: IPC inputs only Out: IPC outputs only |
| Playback | 8CH | 8CH | 8CH |
| Backup format | AVI/DAT | AVI/DAT | AVI/DAT |
| Browsers | IE, Safari | IE, Safari | IE, Safari |
| OS | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 |
| CMS | Yes | Yes | Yes |
| Video analytics | Yes (Must be supported by IPC) | Yes (Must be supported by IPC) | Yes (Must be supported by IPC) |
| APP smart-phone/Tablet | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) |
| Users connections | 10 simultaneously | 10 simultaneously | 10 simultaneously |
| Hard Disk | 1 SATA (6 TB Max) | 1 SATA (6 TB Max) | 1 SATA (6 TB Max) |
| Cloud connection | App & WEB page | App & WEB page | App & WEB page |
| Bandwidth (IN/OUT) | 40 Mbps IN / 40 Mbps OUT | 40 Mbps IN / 40 Mbps OUT | 40 Mbps IN / 40 Mbps OUT |
| Ethernet | 1xRJ45 (100Mbps) | 1xRJ45 (100Mbps) | 1xRJ45 (100Mbps) |
| Power supply | DC12V-2A | DC12V-2A | DC48V-2.5A (12.5W Max x CH) |
| Dimensions | 255x220x45mm | 255x220x45mm | 255x220x45mm |


SUPPORTED ANALYTICS:

Camera tampering, line crossing, sterile area, Object Monitoring, smart search.

NVRs 8MP | 8 - 16 CH 4K

NVR5-8200A

**Onvif**

NVR8-16400A(1U)

**Onvif**

NVR8-16400F (1U)

**Onvif**

NVR8-16400PF(1.5U)

**Onvif**

| Channels | 8 Channels | 16 Channels | 16 Channels | 16 Channels |
|------------------------|---|---|--|--|
| PoE | - | - | - | 16 |
| Video output | 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 | 16CH 8MP Real Time | 16CH 8MP Real Time | 16CH 8MP Real Time |
| Video compression | H264-H265 | H264-H265 | H264-H265 | H264-H265 |
| Alarms | 4 in-1 out (+ Depends on Camera) | 4 IN + Depends on Camera 1 OUT + Depends on Camera | 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 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 | 16CH | 16CH | 16CH |
| Backup format | AVI/DAT | AVI/DAT | AVI/DAT | AVI/DAT |
| Browsers | IE, Safari | IE, Safari | IE, Safari | IE, Safari |
| OS | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 |
| CMS | Yes | Yes | Yes | Yes |
| Video analytics | With IPC cameras | With IPC cameras | With IPC cameras + Face recognition | With IPC cameras + Face recognition |
| APP smart-phone/Tablet | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) |
| Users connections | 10 simultaneously | 10 simultaneously | 10 simultaneously | 10 simultaneously |
| Hard Disk | 1 SATA (8 TB Max) | 2 SATA (8TB each) with Smart Management | 2 SATA (8TB each) with Smart Management | 4 SATA (8TB each) with Smart Management |
| Cloud connection | App & WEB page | App & WEB page | App & WEB page | App & WEB page |
| Bandwidth (IN/OUT) | 64 Mbps IN / 64 Mbps OUT | 112 Mbps IN / 112 Mbps OUT | 160 Mbps IN / 160 Mbps OUT | 160 Mbps IN / 160 Mbps OUT |
| Ethernet | 1xRJ45 (100Mbps) | 1xRJ45 (1000Mbps) | 1xRJ45 (1000Mbps) | 1xRJ45 (1000Mbps) |
| Power supply | DC12V-2A | DC12V-3A | DC12V-4A | AC100-240V |
| Dimensions | 300X250X50mm | 375X275X50mm | 375X275X45mm | 430x390x70mm |


SUPPORTED ANALYTICS:

Camera tampering, line crossing, sterile area, Object Monitoring, smart search + face recognition (only NVR8-16400F (1U) and NVR8-16400PF(1.5U))

NVRs 8MP | 32 - 64 - 128 CH 4K

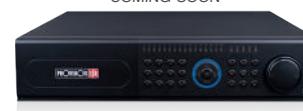
NVR8-32800F(1U)

**OnVIF**

NVR8-32800F(2U)

**OnVIF**

NVR8-32800F-16P(2U)

**OnVIF**NVR5-641600(2U)
NVR5-641600R(2U)*
*COMING SOON**OnVIF***RAID supportNVR5-128RT(3U)
(Available upon request)**OnVIF**RAID support

| Channels | 32 Channels | 32 Channels | 32 Channels | 64 Channels | 128 Channels |
|------------------------|---|--|---|--|--|
| PoE | - | - | 16 | - | - |
| Video output | HDMI (4K, 1080P) VGA(1080P,1280X1024) | HDMI1 (4K, 1080P,1280X1024) HDMI2+VGA (1080P,1280X1024) 32CH per monitor | HDMI (4K, 1080P) VGA(1080P,1280X1024) | HDMI1 (4K, 1080P,1280X1024) HDMI2+VGA (1080P,1280X1024) 32CH per monitor | HDMI1 (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 |
| OS | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 | MacOS, Windows Vista 7/8/10 |
| CMS | Yes | Yes | Yes | Yes | Yes |
| Video analytics | With IPC cameras | With IPC cameras | With IPC cameras | With IPC cameras | With IPC cameras |
| APP smart-phone/Tablet | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) | ProvisionCam2 (Android-iOS) |
| Users connections | 10 simultaneously | 10 simultaneously | 10 simultaneously | 10 simultaneously | 10 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 |



SUPPORTED ANALYTICS:

Camera tampering, line crossing, sterile area, Object Monitoring, smart search + face recognition (only NVR8-32800F(1U), NVR8-32800F(2U) and NVR8-32800F-16P(2U))

POE SWITCHES

STANDARD 10/100 MBPS

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

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 / overvoltage (alarm)
- High temperature (alarm)

CCTV MODE

The CCTV mode is actually a preconfigured VLAN (Cannot be customized by the user) that prevent 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 meter.

INTERNAL POWER SUPPLY

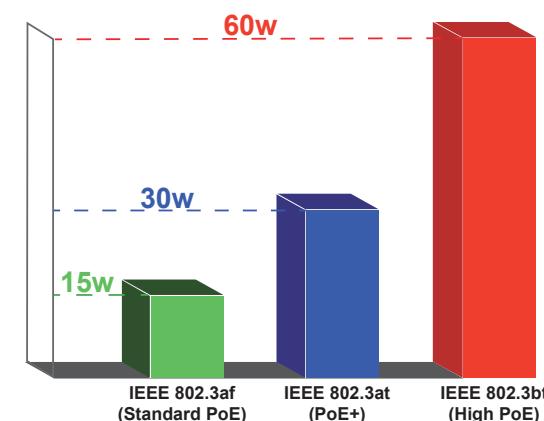
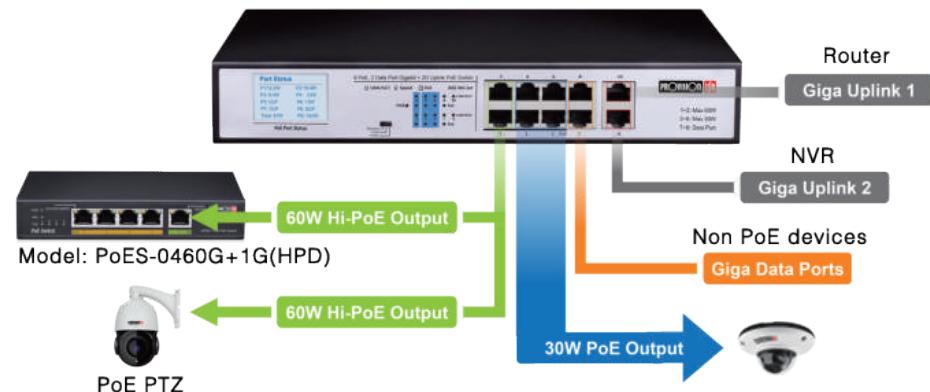
PoE switches working on external DC power supplies must be connected to ground in order to provide proper protection for themselves and the equipment connected to them while switches with internal power supplies feature integral electric ground directly from the AC socket. Besides, the use of a single electric cable (instead of a DC power adapter) takes less space and it is easier to organize.

HIGH POWER PoE

High Power PoE switches adopt the latest IEEE 802.3bt protocol which uses all four pairs in a network cable. Each High PoE port can provide up to 60W of DC power to connected device. Comparing with the previous standards "at" and "af" which supports power output of 15 watts and 30 watts respectively, High PoE can provide up to 100% more power.

The High PoE is designed to answer the growing demand for high power consuming network devices such as IP Speed Domes, and at the same time allows to extend PoE applications for over 100 meters by using Hi-PoE PD (Powered Device) switches.

The current High PoE device selection can provide you with a complete solution for any installation and includes.



HIGH POWER POE SWITCHES

10/100/1000 MBPS



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

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



8 + 2 PORT GIGA POE SWITCH

- 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 Meter
- Built-in Surge Protection
- Complies with IEEE802.3af/at/bt

CCTV mode:

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

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 Meter
- Built-in Surge Protection
- Complies With IEEE802.3af/at

*This device can only be powered by PoES-08(2H)140G+2G or PoEI-0160

PoES-0460C+2



PoES-0460C+2I*



PoES-08120C+2



PoES-08120C+2I*



PoES-08120+2G



PoES-08120C+2GI*



4+2-PORT 10/100MBPS POE SWITCH

- Downlink: 4x100Mbps Ports
- Uplink: 2x 100Mbps Port
- 60 Watt (Avg:15W Max: 30W per ch)
- External Power Supply
- Complies with IEEE802.3af/at PoE
- Distance: Up to 100 Meter
- Built-in Surge Protection
- CCTV mode:
- up to 250 meter at 10Mbps
- Vlan function: no communication among downlink ports
- Wall Bracket/Anti-Theft Hole Lock(k-slot)/Earthling Connector

8+2-PORT 10/100MBPS POE SWITCH

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

8 PORT 10/100MBPS + 2 PORT POE SWITCH

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

*internal power supply

PoES-16250+2Combo**16 PORT 10/100MBPS +2COMBO POE SWITCH**

- Downlink: 16x100Mbps Ports
- Uplink: 2 x 1Gbps port or 2 SFP (Combo)
- 250 Watt (Avg:15W Max: 30W per Ch)
- Internal Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Rack mount bracket included

PoES-16300C+2Combo**16 PORT 10/100MBPS +2 COMBO POE SWITCH**

- Downlink: 16x100Mbps Ports
- Uplink: 2 x 1Gbps port 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
- LCD Status Monitor
- CCTV mode:
 - up to 250 meters at 10Mbps
 - Vlan function: no communication among downlink ports
- Rack mount bracket included

PoES-24370+2Combo**24 PORT 10/100MBPS +2 COMBO POE SWITCH**

- Downlink: 24x100Mbps Ports
- Uplink: 2 x 1Gbps Port or 2 SFP (Combo)
- 370 Watt (Avg:15w Max: 30W per ch)
- Internal Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-in Surge Protection
- Rack mount bracket included

PoES-24380C+2Combo**24 PORT 10/100MBPS +2 COMBO POE SWITCH**

- Downlink: 24x100Mbps Ports
- Uplink: 2 x 1Gbps Port 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 LCD Monitor
- CCTV mode:
 - up to 250 meter at 10Mbps
 - Vlan function: no communication among downlink ports
- Rack mount bracket included

PoES-0460G+2G**4+2 PORT GIGA POE SWITCH**

- Downlink: 4 x 1Gbps PoE Ports
- Uplink: 2 x 1Gbps Port
- 60 Watt (Avg:15W Max: 30W per ch)
- External Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meter
- Built-In Surge Protection

PoES-08130GC+2G**8+2 PORT GIGA POE SWITCH**

- Downlink: 8 x 1Gbps Ports
- Uplink: 2x 1Gbps Port
- 120 Watt (Avg:15W Max: 30W per ch)
- External Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meter
- Built-in Surge Protection
- Built-In LCD For Status Indication
- CCTV mode:
 - Up to 250 meters at 10Mbps
 - Vlan function: no communication among downlink ports
- Wall Bracket

PoES-16300GC+2SFP**16+2SFP-PORT GIGA POE SWITCH**

- Downlink: 16 x 1Gbps Ports
- Uplink: 2 SFP
- 300 Watt (Avg:18.75W Max: 30W per ch)
- External Power Supply
- Complies with IEEE802.3af/at PoE
- Distance: Up to 100 Meter
- Built-In Surge Protection
- Built-In LCD For Status Indication
- CCTV mode:
 - Up to 250 meter at 10Mbps
 - Vlan function: no communication among downlink ports
- Rack mount bracket included

PoES-24300GC+2SFP**24+2SFP-PORT GIGA POE SWITCH**

- Downlink: 24 x 1Gbps Ports
- Uplink: 2 SFP
- 300 Watt (Avg:12,5W Max: 30W per ch)
- External Power Supply
- Complies With IEEE802.3af/at PoE
- Distance: Up to 100 Meters
- Built-In Surge Protection
- Built-In LCD For Status Indication
- CCTV mode:
 - Up to 250 meter at 10Mbps -
 - Vlan function: no communication among downlink ports
- Rack mount bracket included

PoESP-0124W



PoEI-0130 / PoEI-0160



PoER-01

**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

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
- Short circuit protection

1 CH POE EXTENDER (REPEATER)

- Extends PoE Ethernet range up to additional 100 meter 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



EOC-01



EPOC-01TR



EPOC-01T



DCoE-01

**1 TO 2 CH POE EXTENDER (REPEATER)**

- Allows to transmit both cameras and PoE signal Over 1 Ethernet.
- 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/Earthling Terminal

ETHERNET OVER COAX (EOC)

- Set-Transmitter/Receiver
- Up To 150 meter of Ethernet over standard coax cable (RG-59)
- Passive units: no power supply needed
- Requires that the camera will be powered on

ETHERNET & POWER TRANSMISSION OVER COAX

- Transmission distance up to 500M (power and data)
- Complies with IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX
- High speed technology, up to 100Mbps bidirectional bandwidth
- Surge and lightning protection
- Plug-and-play installation
- 48VDC Power supply is included
- EPOC-01TR supports Up to 4 EPOC-01T in cascade mode.

NON-POE POWER OVER ETHERNET CONVERTER

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

AHD TECHNOLOGY

HIGH DEFINITION THROUGH COAXIAL CABLE



SERIES

BASIC 720P-1080P

- 1/3" CMOS
 - Plastic case
 - Cost effective
- Perfect for indoor installations

ECO 1080P

- 1/3" CMOS
 - Great Day&Night performance
 - Basic OSD Menu
- Perfect for small installations

PRO 1080P

- 1/3" CMOS
 - Great Day&Night performance
 - LED IR Array
 - Complete OSD menu
- Installers preferred choice

ULTRA 1080P

- 1/3" CMOS
 - High quality image
 - Motorized zoom lens
 - True WDR
- Great performance under extreme light conditions

ECO 5MP

- 1/2.7" CMOS
 - Great Day&Night performance
 - Complete OSD Menu
- Top image quality

PRO 5MP

- 1/2.7" CMOS
 - Great Day&Night performance
 - LED IR Array
 - Complete OSD Menu
- Top image quality

PTZ

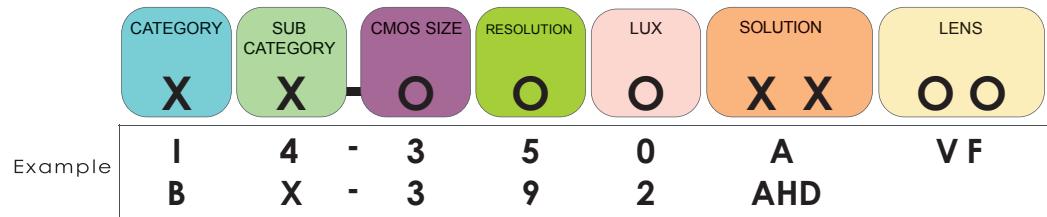
- High zoom potential
 - 360° fast movement
 - IR LED distance up to 100m
- Perfect for public installations

DIP SWITCH

4 IN 1 + PAL/NTSC



AHD CAMERA MODEL NAME INDEX



Category

| Symbol | Description |
|--------|-----------------------|
| B | Body |
| D | Dome |
| I | Infra Red (IR) Bullet |
| M | Mini |
| Z | Ultra Z PTZ |

Sub-Category

| Symbol | Description |
|--------|--------------------|
| X | No Subcategory |
| A | Anti Vandal |
| AI | Anti Vandal (IR) |
| C | Pinhole Cone Shape |
| F | Fire Sprinkler |
| I | Infra Red (IR) |
| L | Spotlight Shape |
| M | Mini |
| PT | Pan/Tilt |
| S | Smoke Detector |
| V | PIR Detector |
| 1 | IR 10-19m |
| 2 | IR 20-29m |
| 3 | IR 30-39m |
| 4 | IR 40-49m |
| 5 | IR 50-59m |

Sensor Size

| Symbol | Description |
|--------|-------------|
| 2 | ~1/2" |
| 3 | ~1/3" |

Resolution

| Symbol | Description |
|--------|--------------|
| 8 | 1.3MP (720P) |
| 9 | 2MP (1080P) |
| 4 | 4MP |
| 5 | 5MP |

LUX

| Symbol | Description |
|--------|-------------|
| 0 | 0 (IR On) |
| 1 | Below~0.009 |
| 2 | 0.01~0.1 |
| 3 | 0.11~0.3 |

Solution

| Symbol | Description |
|--------|--------------|
| AB | 4 in 1 Basic |
| AE | 4 in 1 Eco |
| AU | 4 in 1 Ultra |
| A | 4 in 1 Pro |

Lens

| Symbol | Description |
|--------|--------------------------------|
| 28 | 2.8mm |
| 36 | 3.6mm |
| VF | Vari-focal |
| MVF | Motorized VF (with Auto Focus) |

AHD CAMERAS BASIC 720

DI-380AHDB36



I1-380AB36



| | | |
|-----------------------|---------------------------------------|---------------------------------------|
| Image sensor | 1/3" CMOS – 1,3MP (4:3) | 1/3" CMOS – 1,3MP (4:3) |
| Effective pixels | 1296X964 | 1296X964 |
| Max. resolution | AHD: 280X720 CVBS:700 TVL | AHD: 280X720 CVBS:700 TVL |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 2D-DNR | 2D-DNR |
| Min. illumination | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) |
| Privacy mask | - | - |
| White balance | Auto | Auto |
| WDR | - | - |
| Motion detection | - | - |
| IR distance | 15m (24 IR LED) | 15m (24 IR LED) |
| Lens | 3,6mm (69°) | 3,6mm (69°) |
| Video output | AHD/CVBS selectable via DIP switch | AHD/CVBS selectable via DIP switch |
| OSD Menu | - | - |
| Power supply | DC12V±10%, ~220mA | DC12V±10%, ~220mA |
| Protection | - | - |
| Dimensions | Ø98X90mm | 162,5x67,5x67,5mm |
| Operation temperature | -10°C / +50°C | -10°C / +50°C |
| Junction Box | PR-B42PJB - PR-B37JB PR-B45JB | PR-B42PJB - PR-B45JB PR-B37JB |

AHD CAMERAS BASIC 1080

DI-390AB36



I1-390AB36



| | | |
|-----------------------|--|--|
| Image sensor | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) |
| Effective pixels | 1928X1088 | 1928X1088 |
| Max. resolution | AHD: 1920X1080 CVBS:700 TVL | AHD: 1920X1080 CVBS:700 TVL |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 2D-DNR | 2D-DNR |
| Min. illumination | 0,1lux (0lux IR On) | 0,1lux (0lux IR On) |
| Privacy mask | - | - |
| White balance | Auto / Manual | Auto / Manual |
| WDR | - | - |
| Motion detection | - | - |
| IR distance | 15m (12 IR LED) | 15m (12 IR LED) |
| Lens | 3,6mm (69°) | 3,6mm (69°) |
| Video output | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only | Available via CoC only |
| Power supply | DC12V±10%, ~210mA | DC12V±10%, ~210mA |
| Protection | - | IP66 |
| Dimensions | Ø98X80mm | 162,5X70X72mm |
| Operation temperature | -20°C / +45°C | -20°C / +45°C |
| Junction Box | PR-B42PJB - PR-B37JB PR-B45JB | PR-B42PJB - PR-B45JB PR-B37JB |

AHD CAMERAS ECO 2MP

| | DI-390AE36 | DI-390AEVF | I1-390AE36 | I3-390AE36 | I4-390AEVF |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| | | |  | |  |
| Image sensor | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) |
| Effective pixels | 1928X1088 | 1928X1088 | 1928X1088 | 1928X1088 | 1928X1088 |
| Max. resolution | AHD: 1920x1080P CVBS:700 TVL | AHD: 1920x1080P CVBS:700 TVL | AHD: 1920x1080P CVBS:700 TVL | AHD: 1920x1080P CVBS:700 TVL | AHD: 1920x1080P CVBS:700 TVL |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 2D-DNR | 2D-DNR | 2D-DNR | 2D-DNR | 2D-DNR |
| Min. illumination | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) |
| Privacy mask | - | - | - | - | - |
| White balance | Auto-Manual | Auto-Manual | Auto-Manual | Auto-Manual | Auto-Manual |
| WDR | - | - | - | - | - |
| Motion detection | - | - | - | - | - |
| IR distance | 15m (24 IR LED) | 25m (36 IR LED) | 15m (24 IR LED) | 25m (36 IR LED) | 35m (42 IR LED) |
| Lens | 3,6mm (83°) | 2,8-12mm (103°-27°) | 3,6mm (83°) | 3,6mm (83°) | 2,8-12mm (103°-27°) |
| Video output | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only | Available via CoC only | Available via CoC only | Available via CoC only | Available via CoC only |
| Power supply | DC12V±10%, ~280mA | DC12V±10%, ~360mA | DC12V±10%, ~190mA | DC12V±10%, ~360mA | DC12V±10%, ~380mA |
| Protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| Dimensions | 104X70,8X93,2mm | 129,5X790X119mm | 104X70,8X93,2mm | 206X67,6X68,5mm | 286X77X85,6mm |
| Operation temperature | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C |
| Junction Box | PR-B37JB - PR-B42PJB PR-B45JB | PR-B47JB+ - PR-B55JB | PR-B37JB - PR-B42PJB PR-B45JB | PR-B37JB - PR-B45JB | PR-B47JB+ - PR-B45JB |

AHD CAMERAS PRO 2MP

| | BX-392AHD | DI-390A28 | DI-390A36 | DI-390AVF (W) | DI-390AVF (G) |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  | | | |  | |
| Image sensor | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) |
| Effective pixels | 1984X1225 | 1984X1225 | 1984X1225 | 1984X1225 | 1984X1225 |
| Max. resolution | AHD: 1920x1080P/ CVBS:700 TVL | AHD: 1920x1080P/ CVBS:700 TVL | AHD: 1920x1080P/ CVBS:700 TVL | AHD: 1920x1080P/ CVBS:700 TVL | AHD: 1920x1080P/ CVBS:700 TVL |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 3D-DNR , 2D-DNR per CVBS | 3D-DNR , 2D-DNR per CVBS | 3D-DNR , 2D-DNR per CVBS | 3D-DNR , 2D-DNR per CVBS | 3D-DNR , 2D-DNR per CVBS |
| Min. illumination | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) |
| Privacy mask | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) |
| White balance | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB |
| WDR | - | - | - | - | - |
| Motion detection | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) |
| IR distance | - | 15m (18 LED Wide Angle) | 15m (2 LED Array) | 20m (3 LED Array) | 20m (3 LED Array) |
| Lens | CS MOUNT | 2,8mm (105°) | 3,6mm (76°) | 2,8-12mm (95°-25°) | 2,8-12mm (95°-25°) |
| Video output | AHD/CVBS selectable via DIP switch | PAL/NTSC - AHD/CI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CI/TVI/CVBS selectable via DIP switch |
| OSD Menu | AHD/CVBS, Available via CoC only, 11 languages | Available via CoC only, 11 languages | Available via CoC only, 11 languages | Available via CoC only, 11 languages | Available via CoC only, 11 languages |
| Power supply | DC12V±10%, ~100mA | DC12V±10%, ~310mA | DC12V±10%, ~310mA | DC12V±10%, ~360mA | DC12V±10%, ~400mA |
| Protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| Dimensions | 123,5x63,7x65mm | 104x82x93,2mm | 104X82X93,2mm | 129,5X90X119mm | 129,5X90X119mm |
| Operation temperature | -10°C/+50°C | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C |
| Junction Box | - | PR-B37JB - PR-B42PJB PR-B45JB | PR-B37JB - PR-B42PJB PR-B45JB | PR-B47JB+ - PR-B55JB | PR-B47JB+ - PR-B55JB |

AHD CAMERAS PRO 2MP

| | DAI-390AHDFV | DI-390AMVF | I3-390A36 | I4-390AVF W/G | I4-390AMVF |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  | |  | |  |  |
| Image sensor | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) |
| Effective pixels | 1928X1088 | 1984X1105 | 1984X1225 | 1984X1225 | 1984X1105 |
| Max. resolution | AHD: 1920x1080P/ CVBS: 700 TVL | AHD: 1920x1080P/ ANALOG: 700 TVL |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS) | 3D-DNR (AHD), 2D-DNR (CVBS) | 3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS) | 3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS) | 3D-DNR (AHD), 2D-DNR (CVBS) |
| Min. illumination | 0,01lux (0lux IR On) | 0lux IR On | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) | 0lux IR On |
| Privacy mask | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) |
| White balance | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB |
| WDR | - | - | - | - | - |
| Motion detection | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) |
| IR distance | 20m (35 IR LED) | 25m (3 LED ARRAY) | 30m (3 LED ARRAY) | 40m (4 LED ARRAY) | 40m (4 LED ARRAY) |
| Lens | 2,8-12mm (95°-25°) Motorized VF with Auto Focus | 2,8-12mm (92°-29°) Motorized VF with Auto Focus | 3,6mm (76°) | 2,8-12mm (95°-25°) | 2,8-12mm (92°-29°) Motorized VF with Auto Focus |
| Video output | AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only, 11 Languages | Available via CoC only, 11 Languages | Available via CoC only, 11 Languages | Available via CoC only, 11 Languages | Available via CoC only, 11 Languages |
| Power supply | DC12V±10%, ~250mA | DC12V±10%, ~400mA | DC12V±10%, ~410mA | DC12V±10%, ~480mA | DC12V±10%, ~480mA |
| Protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| Dimensions | 145x119mm | 129,5x119x104mm | 206,5x67,6x68,5mm | 286x77x85,6mm | 286x77x85,6mm |
| Operation temperature | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C |
| Junction Box | PR-B40DJB | PR-B47JB+ - PR-B55JB | PR-B37JB - PR-B45JB | PR-B47JB+ - PR-B45JB | PR-B47JB+ - PR-B45JB |

AHD CAMERAS PRO (HIDDEN) 2MP

IV-390A37



MC-392A37



DL-392A37



DS-392A37



| | | | | |
|------------------------------|---|---|---|---|
| Image sensor | 1/3" – 2MP (16:9) | 1/3" – 2MP (16:9) | 1/3" – 2MP (16:9) | 1/3" – 2MP (16:9) |
| Effective pixels | 1928X1088 | 1984X1225 | 1984X1225 | 1984X1105 |
| Max. resolution | AHD: 1920x1080P/ ANALOG: 700 TVL | AHD: 1920x1080P/ ANALOG: 700 TVL | AHD: 1920x1080P/ ANALOG: 700 TVL | AHD: 1920x1080P/ ANALOG: 700 TVL |
| Day/night | ICR (True Day/Night) | Yes | Yes | Yes |
| Noise reduction | 3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS) | 3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS) | 3D-DNR (AHD, CVI, TVI), 2D-DNR (CVBS) | 3D-DNR (AHD), 2D-DNR (CVBS) |
| Min. illumination | 0,01lux (0lux IR On) | 0,01lux | 0,01lux | 0,01lux |
| Privacy mask | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) |
| White balance | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB | ATW, AWC, In/Out manual, AWB |
| WDR | - | - | - | - |
| Motion detection | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) | On/Off (4 areas) |
| IR distance | 10m (18 IR LED) | - | - | - |
| Lens | 3,7mm pinhole lens (78°) | 3,7mm pinhole lens (78°) | 3,7mm pinhole lens (78°) | 3,7mm pinhole lens (78°) |
| Video output | PAL/NTSC* - AHD/CVI/TVI/CVBS selectable via DIP switch | AHD/CVI/TVI/CVBS selectable via DIP switch | AHD/CVI/TVI/CVBS selectable via DIP switch | AHD/CVI/TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only, 11 Languages | Available via CoC only, 11 Languages | Available via CoC only, 11 Languages | Available via CoC only, 11 Languages |
| Power supply | DC12V±10%, ~212mA | DC12V±10%, ~72mA | DC12V±10%, ~72mA | DC12V±10%, ~72mA |
| Protection | - | - | - | - |
| Dimensions | 104x60x66mm | 35x35x10mm | 90x55mm | 125x50mm |
| Operation temperature | -10°C/+50°C | -10°C/+50°C | -10°C/+50°C | -10°C/+50°C |
| Junction Box | - | - | - | - |

AHD CAMERAS ULTRA 2MP



DI-391AHDU-MVF+
DI-391AU-MVF*
*COMING SOON



I4-391AHDU-MVF+
I4-391AU-MVF*
*COMING SOON



| | | |
|------------------------------|---|--|
| Image sensor | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) |
| Effective pixels | 1984X1105 | 1984X1105 |
| Max. resolution | AHD: 1920x1080P ANALOG: 700 TVL | AHD: 1920x1080P ANALOG: 700 TVL |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 3D-DNR (AHD), 2D-DNR (CVBS) | 3D-DNR (AHD), 2D-DNR (CVBS) |
| Min. illumination | 0.001 Lux (0 Lux IR On) | 0.001 Lux (0 Lux IR On) |
| Privacy mask | On/Off (4 areas) | On/Off (4 areas) |
| White balance | Auto, Manual, Auto-Push | Auto, Manual, Auto-Push |
| WDR | True WDR | True WDR |
| Motion detection | On/Off (4 areas) | On/Off (4 areas) |
| IR distance | 25m (3 LED ARRAY) | 40m (4 LED ARRAY) |
| Lens | 2,8-12mm (100°-29°) Motorized VF with Auto Focus | 2,8-12mm (90°-27°) Motorized VF with Auto Focus |
| Video output | AHD/CVI/TVI/CVBS selectable via DIP switch | AHD/CVI/TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only | Available via CoC only |
| Power supply | DC12V±10%, ~400mA | DC12V±10%, ~480mA |
| Protection | IP66 | IP66 |
| Dimensions | 129,5X90X119mm | 286X77X85,6mm |
| Operation temperature | -30°C/+50°C | -30°C/+50°C |
| Junction Box | PR-B47JB+ - PR-B55JB | PR-B47JB+ - PR-B45JB |



DAI-340AHDVF+



IV-340AHD37+



| | | |
|------------------------------|---|---|
| Image sensor | 1/3" CMOS – 4MP (16:9) | 1/3" CMOS – 4MP (16:9) |
| Effective pixels | 2688X1520 | 2688X1520 |
| Max. resolution | 2560x1440 | 2560x1440 |
| Day/night | ICR (True Day/Night) | Digital: 2560x1440 |
| Noise reduction | 2D-DNR | 2D-DNR |
| Min. illumination | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) |
| Privacy mask | - | - |
| White balance | ATW, manual | ATW, manual |
| WDR | - | - |
| Motion detection | - | - |
| IR distance | 20m (35 IR LED) | 10m (18 IR LED) |
| Lens | 2,8-12mm (95°-28°) | 3,7mm (72°) |
| Video output | AHD/CVI/TVI/CVBS selectable via DIP switch | AHD/CVI/TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only, 12 Languages | Available via CoC only, 12 Languages |
| Power supply | DC12V±10%, ~250mA | DC12V±10%, ~212mA |
| Protection | IP66 | - |
| Dimensions | 145x119,5mm | 145x119,5mm |
| Operation temperature | -30°C/+50°C | -30°C/+50°C |
| Junction Box | PR-B40DJB | - |

5 MP ANALOG HD



AHD CAMERAS ECO 5MP

DI-250AE36

I1-250AE36



| | DI-250AE36 | I1-250AE36 |
|------------------------------|---|---|
| Image sensor | 1/2.5" – 5MP (4:3) | 1/2.5" – 5MP (4:3) |
| Effective pixels | 2704X1950 | 2704X1950 |
| Max. resolution | AHD: 2560X1936 ANALOG: 700 TVL | AHD: 2560X1936 ANALOG: 700 TVL |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 2D-DNR | 2D-DNR |
| Min. illumination | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) |
| Privacy mask | - | - |
| White balance | Auto / Manual | Auto / Manual |
| WDR | - | - |
| Motion detection | - | - |
| IR distance | 15m (18 IR LED) | 15m (18 IR LED) |
| Lens | 3,6mm (69°) | 3,6mm (69°) |
| Video output | PAL/NTSC - AHD/CVI (4mp only) TVI/CVBS selectable via DIP switch | PAL/NTSC - AHD/CVI (4mp only) TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only | Available via CoC only |
| Power supply | DC12V±10%, ~230mA | DC12V±10%, ~230mA |
| Protection | IP66 | IP66 |
| Dimensions | Ø92X88mm | 152X67.5X57.5mm |
| Operation temperature | -30°C/+50°C | -30°C/+50°C |
| Junction Box | PR-B37JB - PR-B42PJB PR-B45JB | PR-B37JB - PR-B42PJB PR-B45JB |

AHD CAMERAS PRO 5MP

DI-350A36



DI-350AVF



I3-350A36



I4-350AVF



| | DI-350A36 | DI-350AVF | I3-350A36 | I4-350AVF |
|-----------------------------------|--|--|--|--|
| Image sensor | 1/2.7" CMOS – 5MP (4:3) |
| Effective pixels | 2592X1944 | 2592X1944 | 2592X1944 | 2592X1944 |
| Max. resolution | 5MP:2592x1944@20FPS | 5MP:2592x1944@20FPS | 5MP:2592x1944@20FPS | 5MP:2592x1944@20FPS |
| Day/night | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) | ICR (True Day/Night) |
| Noise reduction | 2D-DNR | 2D-DNR | 2D-DNR | 2D-DNR |
| Min. illumination | 0,01lux (0lux IR On) |
| Privacy mask | - | - | - | - |
| White balance | ATW manual | ATW manual | ATW manual | ATW manual |
| WDR/Backlight compensation | Off/ BLC | Off/ BLC | Off/ BLC | Off/ BLC |
| Motion detection | - | - | - | - |
| IR distance | 20m (2 IR LED Array) | 25m (3 IR LED Array) | 30m (3 IR LED Array) | 40m (4 IR LED Array) |
| Lens | 3,6 mm (74°) | 2,8-12 mm (91°- 25°) | 3,6 mm (74°) | 2,8-12 mm (91°- 25°) |
| Video output | PAL/NTSC - AHD/CVI/TVI/CVBS selectable via DIP switch |
| OSD Menu | Available via CoC only |
| Power supply | DC12V±10%, ~280mA | DC12V±10%, ~360mA | DC12V±10%, ~360mA | DC12V±10%, ~450mA |
| Protection | IP66 | IP66 | IP66 | IP66 |
| Dimensions | 104x82x93,2mm | 129,5x119x104mm | 206,5x67,6x68,5mm | 286x77x85,6mm |
| Operation temperature | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C | -30°C/+50°C |
| Junction Box | PR-B37JB - PR-B42PJB PR-B45JB | PR-B47JB+ - PR-B55JB | PR-B37JB - PR-B45JB | PR-B47JB+ - PR-B45JB |

AHD CAMERAS PTZ PRO 2MP

I5PT-390AX4



I5PT-390AHDX10+



| | | |
|------------------------------|--|---|
| Image sensor | 1/3" CMOS – 2MP (16:9) | 1/3" CMOS – 2MP (16:9) |
| Effective pixels | 1984X1105 | 1984X1105 |
| Max. resolution | 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) |
| Min. illumination | 0,01lux (0lux IR On) | 0,01lux (0lux IR On) |
| Motion detection | Yes | Yes |
| Pan/Tilt range | 250° horizontal - 65° vertical | 250° horizontal - 65° vertical |
| Pan/Tilt speed | 12°/Sec (max. speed) | 12°/Sec (max. speed) |
| IR distance | 50m (IR LED ARRAY) | 50m (IR LED ARRAY) |
| Day&Night | ICR (Auto Day/Night) | ICR (Auto Day/Night) |
| Noise reduction | 3D-DNR | 3D-DNR |
| Focus | Semi-auto | Semi-auto |
| PTZ control | RS485/COC | RS485/COC |
| Video output | 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 |
| Alarms | - | - |
| Operation temperature | -20°C/+50°C | -20°C/+50°C |
| Power supply | DC12V/2A | DC12V/2A |
| Dimensions | 255X175X94mm | 255X175X94mm |
| Protection | IP66 | IP66 |
| Junction box | - | - |

AHD CAMERAS SPEED DOME 2MP

Z-10AHD-2(IR)+



Z-20A-2(IR)



| | | |
|------------------------------|---|---|
| Image sensor | 1/3" CMOS – 2MP (16:9) | 1/2,8" CMOS – 2MP (16:9) |
| Effective pixels | 1984X1105 | 1920x1080 |
| Max. resolution | 2MP/1MP (AHD / TVI - 1920x1080/1280x720) Analog 700TVL | 2MP/1MP (AHD / TVI / CVI- 1920x1080) Analog 700TVL |
| Zoom/Lens | Optical zoom 10X / 3,8-38mm H: 64 (Wide) to 7.3 (Tele) V: 53.2 (Wide) to 4.8 (Tele) | Optical zoom 20X / 4,3-87mm H: 56.2° (Wide) to 3.1° (Tele) V: 33.4° (Wide) to 1.7° (Tele) |
| Min. illumination | 0lux IR On | 0,01 lux (0lux IR On) |
| Motion detection | - | - |
| Pan/Tilt range | 360° horizontal - 180° vertical | 360° horizontal - 180° vertical |
| Pan/Tilt speed | Pan:240°/Sec-Tilt:120°/Sec | Pan:350°/Sec-Tilt:120°/Sec |
| IR distance | 60m IR LED | 100m IR LED |
| Day&Night | ICR (Auto Day/Night) | ICR (Auto Day/Night) |
| Noise reduction | 3D-DNR | 3D-DNR |
| Focus | Auto / Manual | Auto / Manual |
| PTZ management | RS485/COC | RS485/COC |
| Video output | PAL/NTSC - AHD/CVI/TVI/CVBS Selectable by Preset | PAL/NTSC - AHD/CVI/TVI/CVBS Selectable by Preset |
| Protocols | PELCO D / PELCO P, COC | PELCO D / PELCO P, COC |
| Alarms | - | 7 In / 2 Out |
| Operation temperature | -20°C/+50°C | -35°C/+50°C |
| Power supply | DC12V/2A Power supply included | DC24V/3A Power supply included |
| Dimensions | 13,5x13,5x19,9mm | 28x28x50,4mm |
| Protection | IP66 | IP66 |
| Junction box | page 66 | page 66 |

DVR

DIGITAL VIDEO RECORDER

DVR systems are the “heart” of any CCTV installation.

All information streamed from the cameras accumulates into the DVR.

The DVR captures the video signal coming from the camera, converts and saves it in digital format. Therefore, when it comes down to the final video resolution, the DVR's quality is as important as the cameras'.

Moreover, since all the recording data is saved and rewritten over and over on the DVR, it must be an extremely reliable and high standard product.

All of Provision-ISR DVR's are designed and manufactured according to researched and practiced knowledge over many years of experience.

All DVRs use the advanced H.264-H265 video compression format to deliver maximum video quality, while using minimum storage volume.

Provision-ISR DVRs are made of the highest quality components and 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 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 powerful network function for remote monitoring, full remote configuration and mobile device application for remote monitoring.

DYNAMIC HYBRID

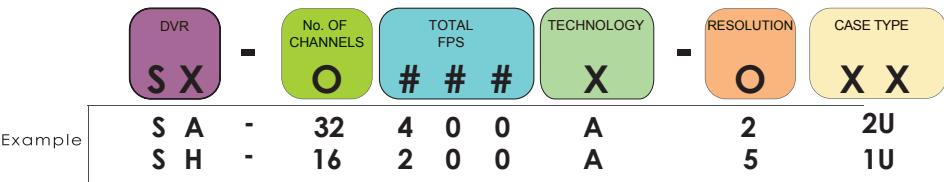
Thanks to this new function we can decide how the analog channels have to work according to the installation needs. This way, we make this the installation totally dynamic.

SERIES

DVR 2MP LITE DVR 5 MP LITE DVR 8 MP LITE
DVR 2MP PRO DVR 5 MP PRO



CODE READING INSTRUCTIONS



DVR Type

| Symbol | Description |
|--------|---------------------------|
| SH | Standalone Dynamic Hybrid |
| SA | Standalone |

Technology

| Symbol | Description |
|--------|------------------|
| A | "4in1" HD Analog |
| 5 | H.265 Support |

No. of Channels

| Symbol | Description |
|--------|-------------|
| 4 | 4 Channels |
| 8 | 8 Channels |
| 16 | 16 Channels |
| 32 | 32 Channels |

Resolution

| Symbol | Description |
|--------|-------------|
| 2L | 1080P Lite |
| 2 | 1080P |
| 5L | 5MP Lite |
| 5 | 5MP |
| 8L | 8MP Lite |

Total FPS

| Symbol | Description |
|--------|--------------------------------|
| 50 | 50 FPS (PAL) / 60 FPS (NTSC) |
| 100 | 100 FPS (PAL) / 120 FPS (NTSC) |
| 200 | 200 FPS (PAL) / 240 FPS (NTSC) |
| 400 | 400 FPS (PAL) / 480 FPS (NTSC) |
| 800 | 800 FPS (PAL) / 960 FPS (NTSC) |

Case Type

| Symbol | Description |
|--------|--------------------------------|
| "None" | Small 1U Case - 1HDD Support |
| MM | Mini Metal Case - 1HDD Support |
| 1U | 1U Case - 2HDD Support |
| 1.5U | 1.5U Case - 4HDD Support |
| 2U | 2U Case - 8HDD Support |



HYBRID DVR I 2 MP LITE

SH-4100A-2L(MM)



SH-4100A-2L



SH-8100A-2L(MM)



Onvif

Onvif

Onvif

| Channels | | 5 Channels | | | | | 5 Channels | | | | | 10 Channels | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|--------------------------|---|---|---|---|-------------------|---|---|---|--|--------------------------|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| Hybrid Modes | HD Analog | 4 | 3 | 2 | 1 | 0 | 4 | 3 | 2 | 1 | 0 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | | | | | | | | | | | |
| | IP | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | |
| Video output | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 | | | | | | | | | | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot) | | | | | | | | | | | | | | | | | | | | |
| AHD | 2MP Lite (928x960)@25FPS | | | | | | | | | | 2MP Lite (928x960)@25FPS | | | | | | | | | | | | | | | | | | | | |
| Max. Recording | CVBS | 960H@25FPS | | | | | | | | | | 960H@25FPS | | | | | | | | | | | | | | | | | | | |
| | TVI/CVI | 2MP Lite (928x960)@25FPS | | | | | | | | | | 2MP Lite (928x960)@25FPS | | | | | | | | | | | | | | | | | | | |
| IP | 2MP (1920x1080)@25FPS | | | | | | | | | | 2MP (1920x1080)@25FPS | | | | | | | | | | | | | | | | | | | | |
| Video compression | H.264 High Profile | | | | | | | | | | H.264 High Profile | | | | | | | | | | | | | | | | | | | | |
| Video Analytics | Yes | | | | | | | | | | Yes | | | | | | | | | | | | | | | | | | | | |
| Audio In/Out | 1 RCA in / 1 RCA Out | | | | | | | | | | 1 RCA in / 1 RCA Out | | | | | | | | | | | | | | | | | | | | |
| Alarm In/Out | IPC Only | | | | | | | | | | IPC Only | | | | | | | | | | | | | | | | | | | | |
| Playback (Local/Remote) | 4/5 CH | | | | | | | | | | 4/5 CH | | | | | | | | | | | | | | | | | | | | |
| Backup format | AVI/DAT | | | | | | | | | | AVI/DAT | | | | | | | | | | | | | | | | | | | | |
| Browsers and WEB connection | IE, Safari, P2P, DDNS, IP | | | | | | | | | | IE, Safari, P2P, DDNS, IP | | | | | | | | | | | | | | | | | | | | |
| OS | MacOS - Windows XP - Vista 7,8,1,10 | | | | | | | | | | MacOS - Windows XP - Vista 7,8,1,10 | | | | | | | | | | | | | | | | | | | | |
| CMS | Windows CMS 3 - Mac CMS 2 | | | | | | | | | | Windows CMS 3 - Mac CMS 2 | | | | | | | | | | | | | | | | | | | | |
| Hard Disk | 1 SATA (6 TB Max) | | | | | | | | | | 1 SATA (8 TB Max) | | | | | | | | | | | | | | | | | | | | |
| APP Smartphone/Tablet | Provision CAM2 (Android-iOS) | | | | | | | | | | Provision CAM2 (Android-iOS) | | | | | | | | | | | | | | | | | | | | |
| Power supply | DC12V 2A (Power supply included) | | | | | | | | | | DC12V 2A (Power supply included) | | | | | | | | | | | | | | | | | | | | |
| Dimensions | 255x220x43mm | | | | | | | | | | 300x250x45mm | | | | | | | | | | | | | | | | | | | | |



VIDEO ANALYTICS

AHD cameras: Line Crossing (No direction choice), Sterile Area, Smart search.

IP cameras: Line Crossing (With direction choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search.

HYBRID DVR I 2 MP LITE

SH-8200A-2L



SH-16200A-2L(MM)



SH-16400A-2L



Onvif

| Channels | 10 Channels | | | | | 18 Channels | | | | | 20 Channels | | | | | |
|-----------------------------|--|--------------------------|--|--|--|--|------------------------------------|--|--|--|--|--------------------------|--|--|--|--|
| Hybrid Modes | 8 7 6 5 4 3 2 1 0 + + + + + + + + 2 3 4 5 6 7 8 9 10 | | | | | 16 15 14 + + + 2 3 4 | | | | | 16 15 14 13 12 11 10 9 8 7 6 5 + + + + + + + + + + + + 4 5 6 7 8 9 10 11 12 13 14 15 | | | | | |
| 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) | | | | | |
| | AHD | 2MP Lite (928x960)@25FPS | | | | | 2MP Lite (928x960)@12FPS | | | | | 2MP Lite (928x960)@25FPS | | | | |
| Max. Recording | CVBS | 960H@25FPS | | | | | 960H@25FPS | | | | | 960H@25FPS | | | | |
| | TVI/CVI | 2MP Lite (928x960)@25FPS | | | | | 2MP Lite (928x960)@12FPS | | | | | 2MP Lite (928x960)@25FPS | | | | |
| | IP | 2MP (1920x1080)@25FPS | | | | | 3MP@12FPS 2MP (1920x1080)@25FPS | | | | | 2MP (1920x1080)@25FPS | | | | |
| Video compression | H.264 High Profile | | | | | H.264 High Profile | | | | | H.264 High Profile | | | | | |
| Video Analytics | Yes | | | | | Yes | | | | | Yes | | | | | |
| Audio In/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 | | | | | |
| Playback (Local/Remote) | 8/9 CH | | | | | 16/16 CH | | | | | 16/9 CH | | | | | |
| Backup format | AVI/DAT | | | | | AVI/DAT | | | | | AVI/DAT | | | | | |
| Browsers and WEB connection | IE, Safari, P2P, DDNS, IP | | | | | IE, Safari, P2P, DDNS, IP | | | | | IE, Safari, P2P, DDNS, IP | | | | | |
| OS | MacOS - Windows XP - Vista 7,8,1,10 | | | | | MacOS - Windows XP - Vista 7,8,1,10 | | | | | MacOS - Windows XP - Vista 7,8,1,10 | | | | | |
| CMS | Windows CMS 3 - Mac CMS 2 | | | | | Windows CMS 3 - Mac CMS 2 | | | | | Windows CMS 3 - Mac CMS 2 | | | | | |
| Hard Disk | 1 SATA (8 TB Max) | | | | | 1 SATA (6 TB Max) | | | | | 1 SATA (8 TB Max) | | | | | |
| APP Smartphone/Tablet | 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) | | | | | |
| Dimensions | 300x250x45mm | | | | | 255x220x43mm | | | | | 300x250x45mm | | | | | |



VIDEO ANALYTICS

AHD cameras: Line Crossing (No Direction Choice), Sterile Area, Smart search.

IP cameras: Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search.

HYBRID DVR I 2 MP PRO

SH-16200A-2(2U)



SA-32400A-2(2U)



Onvif

| Channels | 20 Channels | 32 Channels |
|-----------------------------|---|--|
| Hybrid Modes | 16 15 14 13 12 11 10 9 8 + + + + + + + + 4 5 6 7 8 9 10 11 12 | - |
| Video output | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot) | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot) |
| | AHD 2MP (1920x1080)@12FPS | 2MP (1920x1080)@12FPS |
| Max. Recording | CVBS 960H@25FPS | 960H@25FPS |
| | TVI/CVI 2MP (1920x1080)@12FPS | 2MP (1920x1080)@12FPS |
| | IP 3MP (1920x1080)@25FPS 2MP (1920x1080)@25FPS | - |
| Video compression | H.264 High Profile | H.264 High Profile |
| Video Analytics | Yes | - |
| Audio In/Out | 16 RCA in + IPC / 1 RCA Out | 16 RCA in / 4 RCA Out |
| Alarm In/Out | 16 in / 4 Out+ IPC | 416 in-4 Out |
| Playback (Local/Remote) | 16/9 CH | 16 CH |
| Backup format | AVI/DAT | AVI/DAT |
| Browsers and WEB connection | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP |
| OS | MacOS - Win. XP - Vista 7,8,1,10 | MacOS - Win. XP - Vista 7,8,1,10 |
| CMS | Windows CMS 3 Mac CMS 2 | Windows CMS 3 Mac CMS 2 |
| Hard Disk | 8 SATA (8 TB Max each) with smart management | 8 SATA (8 TB Max each) with smart management |
| APP Smartphone/Tablet | Provision CAM2 (Android-iOS) | Provision CAM2 (Android-iOS) |
| Power supply | AC110-220V (Power supply included) | AC110-220V |
| Dimensions | 430x450x89mm | 430X450X89mm |

HYBRID DVR I 5 MP LITE

SH-4050A5-5L (MM)



SH-4050A5-5L



Onvif

| Channels | 6 Channels | 6 Channels |
|-----------------------------|--|--|
| Hybrid Modes | HD Analog IP | 4 3 2 1 0 + + + + 2 3 4 5 6 |
| Video output | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot) | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot) |
| | AHD 5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS | 5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS |
| Max. Recording | CVBS 960H@25FPS | 960H@25FPS |
| | TVI/CVI 5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS | 5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS |
| | IP 5MP@25FPS | 5MP@25FPS |
| Video compression | H.264 - H.265 | H.264 - H.265 |
| Video Analytics | Yes | Yes |
| Audio In/Out | 1 RCA in + IPC / 1 RCA Out | 4 RCA in + IPC / 1 RCA Out |
| Alarm In/Out | IPC Only | 4 in + IPC / 1 Out + IPC |
| Playback (Local/Remote) | 4 CH | 4 CH |
| Backup format | AVI/DAT | AVI/DAT |
| Browsers and WEB connection | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP |
| OS | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Windows XP - Vista 7,8,1,10 |
| CMS | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 |
| Hard Disk | 1 SATA (8 TB Max) | 1 SATA (8 TB Max) |
| APP Smartphone/Tablet | Provision CAM2 (Android-iOS) | Provision CAM2 (Android-iOS) |
| Power supply | 12V/2A (Power supply included) | 12V/2A (Power supply included) |
| Dimensions | 255x220x43mm | 300x250x45mm |



VIDEO ANALYTICS

AHD cameras: Line Crossing (No Direction Choice), Sterile Area, Smart search.

IP cameras: Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search.

HYBRID DVR I 5 MP LITE

| | SH-8100A5-5L(MM) | SH-8100A5-5L | SH-16200A5-5L(MM) | SH-16200A5-5L(1U) | SH-32400A5-5L(1.5U) |
|---|--|---|---|---|---|
|  |  |  |  |  | |
| Onvif | Onvif | Onvif | Onvif | Onvif | Onvif |
| Channels | 12 Channels | 12 Channels | 24 Channels | 24 Channels | 40 Channels |
| Hybrid Modes | 8 7 6 5 4 3 2 1 0 + + + + + + + + 4 5 6 7 8 9 10 11 12 | 8 7 6 5 4 3 2 1 0 + + + + + + + + 4 5 6 7 8 9 10 11 12 | 16 15 14 13 12 11 10 9 8 + + + + + + + + 8 9 10 11 12 13 14 15 16 | 16 15 14 13 12 11 10 9 8 + + + + + + + + 8 9 10 11 12 13 14 15 16 | 32 31 30 29 28 27 26 25 24 + + + + + + + + 8 9 10 11 12 13 14 15 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) | HDMI: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot) |
| 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 | 5MP Lite (1280x1936)@10FPS 2MP (1920x1080)@12FPS |
| Max. Recording | 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 | 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 | 5MP@25FPS |
| Video compression | H.264 - H.265 | H.264 - H.265 | H.264 - H.265 | H.264 - H.265 | H.264 - H.265 |
| Video Analytics | Yes | Yes | Yes | Yes | Yes |
| Audio In/Out | 1 RCA in + IPC / 1 RCA 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 | IPC Only | 8 in + IPC / 2 Out + IPC | IPC Only | 16 in + IPC / 4 Out + IPC | 16 in-4 Out |
| Playback (Local/Remote) | 8 CH | 8 CH | 16 CH | 16 CH | 16CH |
| Backup format | AVI/DAT | AVI/DAT | AVI/DAT | AVI/DAT | AVI/DAT |
| Browsers and WEB connection | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP |
| OS | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Win. XP - Vista 7,8,1,10 |
| CMS | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 |
| Hard Disk | 1 SATA (8 TB Max) | 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) | 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) | AC110-220V |
| Dimensions | 255x220x43mm | 300x250x45mm | 255x220x43mm | 375x275x45mm | 440X390X80mm |



VIDEO ANALYTICS

AHD cameras: Line Crossing (No Direction Choice), Sterile Area, Smart search.

IP cameras: Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search.

HYBRID DVR | 5 MP PRO

SH-32400A-5(2U)



Onvif

| Channels | |
|--|--|
| Hybrid Modes | HD Analog 32 |
| | - |
| Video output | |
| | HDMI1: 4K HDMI2: 1920x1080 (1080P) VGA: 1280x1024, 1024x768 CVBS (spot) |
| AHD | 5MP@10FPS 2MP (1920x1080)@25FPS |
| Max. Recording | CVBS 960H@25FPS |
| | TVI/CVI 5MP@10FPS 2MP (1920x1080)@25FPS |
| IP | 4MP@25FPS |
| Video compression | |
| H.264 High Profile | |
| Video Analytics | |
| Yes | |
| Audio In/Out | |
| 16CH RCA in / 1CH RCA out | |
| Alarm In/Out | |
| 16CH + IPC in / 4CH + IPC out | |
| Playback (Local/Remote) | |
| 16CH / 9CH | |
| Backup format | |
| AVI/DAT | |
| Browsers and WEB connection | |
| IE, Safari, P2P, DDNS, IP | |
| OS | |
| MacOS - Windows XP - Vista 7,8,1,10 | |
| CMS | |
| Windows CMS 3 - Mac CMS 2 | |
| Hard Disk | |
| 8 SATA (8 TB Max each) with smart management | |
| APP Smartphone/Tablet | |
| Provision CAM2 (Android-iOS) | |
| Power supply | |
| AC110V/220V | |
| Dimensions | |
| 430x450x89mm | |



VIDEO ANALYTICS

AHD cameras: Line Crossing (No Direction Choice), Sterile Area, Smart search.

IP cameras: Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search.

HYBRID DVR | 8 MP LITE

SH-4050A5-8L(MM)



Onvif

SH-4050A5-8L



Onvif

| Channels | | 6 Channels | 6 Channels |
|------------------------------------|--|--|--|
| Hybrid Modes | HD Analog 4 | 3 | 2 |
| | - | + + + | 1 0 + + + |
| 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) |
| AHD | 8MP Lite (1920x2160)@12FPS 5 MP @12FPS | 8MP Lite (1920x2160)@12FPS 5 MP @12FPS | 8MP Lite (1920x2160)@12FPS 5 MP @12FPS |
| Max. Recording | CVBS 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 |
| IP | 8MP@25FPS | 8MP@25FPS | 8MP@25FPS |
| Video compression | | H.265/ H.264 | H.265/ H.264 |
| Video Analytics | | Yes | Yes |
| Audio In/Out | | 1 + depends on IPC 1 RCA | 4 RCA in + IPC / 1 RCA Out |
| Alarm In/Out | | IPC Only | 4 in + IPC / 1 Out + IPC |
| Playback (Local/Remote) | | 4 CH | 4 CH |
| Backup format | | AVI/DAT | AVI/DAT |
| Browsers and WEB connection | | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP |
| OS | | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Windows XP - Vista 7,8,1,10 |
| CMS | | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 |
| Hard Disk | | 1 SATA (8 TB Max) | 1 SATA (8 TB Max) 1 ESATA |
| APP Smartphone/Tablet | | Provision CAM2 (Android-iOS) | Provision CAM2 (Android-iOS) |
| Power supply | | 12V/2A (Power supply included) | 12V/2A (Power supply included) |
| Dimensions | | 255x220x43mm | 300x250x46mm |

HYBRID DVR I 8 MP LITE

SH-8100A5-8L(MM)


Onvif

4K

SH-8100A5-8L(1U)


Onvif

SH-16200A5-8L(1U)


Onvif

4K

| | | 16 Channels | 16 Channels | 24 Channels |
|------------------------------------|-----------|--|--|--|
| Hybrid Modes | HD Analog | 8 7 6 5 4 3 2 1 0 + + + + + + + + + + 8 9 10 11 12 13 14 15 16 | 8 7 6 5 4 3 2 1 0 + + + + + + + + + + 8 9 10 11 12 13 14 15 16 | 16 15 14 13 12 11 10 9 8 + + + + + + + + + + 8 9 10 11 12 13 14 15 16 |
| | IP | | | |
| 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) |
| | AHD | 8MP Lite (1920x2160)@12FPS 5 MP @12FPS | 8MP Lite (1920x2160)@12FPS 5 MP @12FPS | 8MP Lite (1920x2160)@12FPS 5 MP @12FPS |
| Max. Recording | CVBS | 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 |
| | IP | 8MP@25FPS | 8MP@25FPS | 8MP@25FPS |
| Video compression | | H.265/ H.264 | H.265/ H.264 | H.265/ H.264 |
| Video Analytics | | Yes | Yes | Yes |
| Audio In/Out | | 1 + depends on IPC 1 RCA | 8 RCA in + IPC / 1 RCA Out | 16 RCA in + IPC / 1 RCA Out |
| Alarm In/Out | | IPC Only | 8 in + IPC / 2 Out + IPC | 16 in + IPC / 4 Out + IPC |
| Playback (Local/Remote) | | 8 CH | 8 CH | 16CH |
| Backup format | | AVI/DAT | AVI/DAT | AVI/DAT |
| Browsers and WEB connection | | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP | IE, Safari, P2P, DDNS, IP |
| OS | | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Windows XP - Vista 7,8,1,10 | MacOS - Windows XP - Vista 7,8,1,10 |
| CMS | | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 | Windows CMS 3 - Mac CMS 2 |
| Hard Disk | | 1 SATA (8 TB Max each) with smart management | 2 SATA (8 TB Max each) with smart management 1 ESATA | 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) |
| Power supply | | 12V/2A (Power supply included) | 12V/4A (Power supply included) | 12V/4A (Power supply included) |
| Dimensions | | 255x220x43mm | 375x275x45mm | 375x275x45mm |


VIDEO ANALYTICS

AHD cameras: Line Crossing (No Direction Choice), Sterile Area, Smart search.

IP cameras: Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search.

ONE STOP SHOP

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

ACCESSORIES HDMI

PR-HDMItoVGA



PR-HDEx(4K)



HDMI TO VGA CONVERTER

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

HDMI REPEATER

- Supports: all HD format 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

PR-SP102(4K)



PR-SP104(4K)



1 TO 2 HDMI SPLITTER

- Split 1 HDMI input to 2 HDMI outputs
- 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)
- 1080P resolution:
- Input: up to 15 meters. Output: up to 15 meters.
- 4K resolution:
- 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)

1 TO 4 HDMI SPLITTER

- Split 1 HDMI input to 4 HDMI outputs
- 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)
- 1080P resolution:
- Input: up to 15 meters. Output: up to 15 meters.
- 4K resolution:
- 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

ACCESSORIES HDMI

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-AHD-Con



AHD TO HDMI/VGA/BNC CONVERTER

- 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 by 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
- Note: Working Distance may be affected by the cable quality and length.

PR-4In1-Con



4 IN 1 HD SIGNAL CONVERTOR

- 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

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

ACCESSORIES BALUN

ACCESSORIES HIGH POWER BALUN



1CH HD VIDEO PASSIVE BALUN

- 1Ch Set
- 4MP 4in1 support: AHD / CVI / TVI / CVBS Passive - No Power Required
- Minimal Attenuation
- Light Weight



1CH HD VIDEO + POWER PASSIVE BALUN

- 1Ch Set
- 5MP 4in1 support: AHD / CVI / TVI / CVBS Passive
- Minimal Attenuation
- Light Weight



4CH HD PASSIVE BALUN

- 4Ch Unit
- 5MP 4in1 support: AHD / CVI / TVI / CVBS Passive - No Power Required
- Surge Protection
- Minimal Attenuation
- Light Weight



1CH HD VIDEO + HIGH POWER PASSIVE BALUN

- 1Ch Set
- 5MP 4in1 support: AHD / CVI / TVI / CVBS
- High-Power input 12-36VDC - 12VDC Stable Output
- Minimal Attenuation
- Light Weight



4CH HD VIDEO + HIGH POWER PASSIVE BALUN

- 4Ch Set
- 5MP 4in1 support: AHD / CVI / TVI / CVBS High-Power input - 12VDC Stable Output Plug and Play
- Passive
- Minimal Attenuation
- Light Weight Camera Side Unit

Technology max. distance

| Technology \ Resolution | AHD | CVI | TVI |
|-------------------------|------|------|------|
| 720P | 320m | 440m | 250m |
| 1080P | 200m | 230m | 200m |
| 4MP | 180m | | 180m |
| 5MP | 180m | | 180m |

Power transmission max. distance

| Power Supply \ Power Consumption | DV 24V | DC 36V |
|----------------------------------|--------|--------|
| 200mA | 400m | 500m |
| 300mA | 350m | 400m |
| 400mA | 300m | 350m |
| 500mA | 240m | 300m |
| 600mA | 190m | 250m |

* PTR-103VHP-HD - PTR-401VHP-HD

TM-43AHDBL**4.3" TFT LCD TEST MONITOR**

- Supported Video formats: 1MP /2MP AHD / CVBS
- Image settings support
- Installation without external Power Source
- 12VDC Outup (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)

TM-434in1BL**5" TFT LCD TEST MONITOR**

- 2MP 4 in 1 support: AHD / CVI /TVI / CVBS
- BNC / VGA Input
- Image settings support
- Installation without external Power Source
- 12VDC Outup (Plug Supplied)
- 5VDC Output (Micro USB Plug Supplied)
- Coax / 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)

TM-54in1-2**5" TFT LCD TEST MONITOR**

- 2MP 4in1 support: AHD / CVI /TVI / CVBS
- BNC x 1, VGAx 1 Input
- Image settings support
- 12VDC Outup (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-54in1-5**5" TFT LCD TEST MONITOR**

- 5MP 4in1 support: AHD / CVI /TVI / CVBS
- HDMI x 1, BNC x 1, VGA x 1 Input
- Image settings support
- 12VDC Outup (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

PR-IPS7**PR-TFT7P-W****PR-TFT9HD****PR-IPS10P-W****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
- Dimension: 177W x 117H x 15D mm

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, VGA, HDMI Power
- Work Temperature: -10°C ~ 60°C
- Viewing Angle: 65°/65°/65°/50° (L/R/U/D)
- Contrast Ratio: 300:01:00
- Brightness: 380CD/m2
- Weight: 0.40Kg
- Dimension: 177W x 117H x 15D mm

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
- Dimension: 220W x 140H x 16D mm

ULTRA THIN**TFT 10" DIGITAL MONITOR**

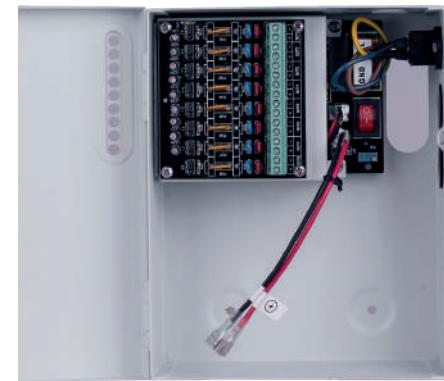
- Screen Size: 10" TFT Screen
- Resolution: 1024x600
- TV System: PAL / NTSC
- Power Supply: DC 12V, 1A (Power supply not included)
- Video Input: 1VP-P, 75Ohm
- Inputs: AV1, AV2, VGA, HDMI, Power
- Work Temperature: -10°C ~ 60°C
- Viewing Angle: 85° (All Directions)
- Contrast Ratio: 300:01:00
- Brightness: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

POWER SUPPLY

MAIN FEATURES

- High efficiency and environmental friendly design
- Optimal design for easy installation
- Stable power signal to support clear images
- Over-current protection

- “Over-voltage” output protection
- Short circuit protection
- Lock
- Individual Status LED for each Channel
- Thermal Fuses
- Backup Battery Support



PR-12V1A-A



POWER SUPPLY12V 1A

PR-12V3A



POWER SUPPLY12V 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
110V/220V AC POWER INPUT

PR-24V1A-AC



POWER SUPPLY 24V DC 1A OUT

PR-24V1A-DC



POWER SUPPLY 24V DC 1A OUT WITH PLUG
110V/220V AC POWER INPUT

PR-24AC-12DC



INPUT: 20~30V AC
OUTPUT: 12V DC, 1.0 AMP
TRANSMISSION DISTANCE UP TO 500 (USING PR-24V1A-AC POWER SUPPLY)

PR-24DC-12DC



INPUT: 8~24V DC
OUTPUT: 12V DC, 1.0 AMP
TRANSMISSION DISTANCE UP TO 150M (USING PR-24V1A POWER SUPPLY)

ACCESSORIES POWER SUPPLY

PROVISION ISR
Now you can see!

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



PR-12A16CH



PR-20A16CH (1U)



ACCESSORIES POWER SUPPLY

9CH POWER SUPPLY
12V 10A WITH POWER SOCKET
BATTERY UP TO 17 AH - 9 PORTS

16CH POWER SUPPLY
12V 12A WITH POWER SOCKET
16 PORTS

16CH POWER SUPPLY
12V 20A -1U CASE
16 PORTS

ACCESSORIES

BRACKETS & JUNCTION BOXES IP/AHD

PR-B45JB



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

PR-B55JB



Large water-proof junction box suitable for bullet and dome Vari-Focal Cameras

PR-B05DWB



Wall bracket for IP Cameras
DMAxxx
DAI-xxxIP36
DI-xxxiP28/36

PR-B50JB



Junction box suitable for
FEI-xxx

PR-B50PB



Suitable for waterproof junction boxes (PR-B45JB, PR-B55JB, PR-B50JB, PR-B10BJB+)

PR-B50ECB



PR-B10BJB/+



Junction box suitable for
I4 Bullet Vari-Focal Camera
Anti Vandal Dome Fixed Lens
Camera (DAI-XXXIP36)

PR-B10DWB



Wall Bracket suitable for
Anti Vandal Dome Vari-Focal Camera
(DAI-XXXIPVF)

PR-B10DJB/+



Junction box suitable for
IP Anti-Vandal Camera with
VF Lens (DAI-xxxAHDFV)

PR-B10SB+*



Straight bracket
for junction box

PR-B10LB+*



“L” shaped bracket
for junction box

PR-B10EX



10 cm extension for junction box

PR-B37JB



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

PR-B47JB+*



LARGE junction box suitable for
AHD and IP Vari-Focal cameras
(Es. I3/I4-xxxAHDxx / DI-xxxiPxVF)

PR-B40DJB



Junction box suitable for
AHD Anti-Vandal Camera with VF
Lens
(DAI-xxxAHDFV)

PR-B42PJB/+



Small plastic junction box

PR-B55BC*



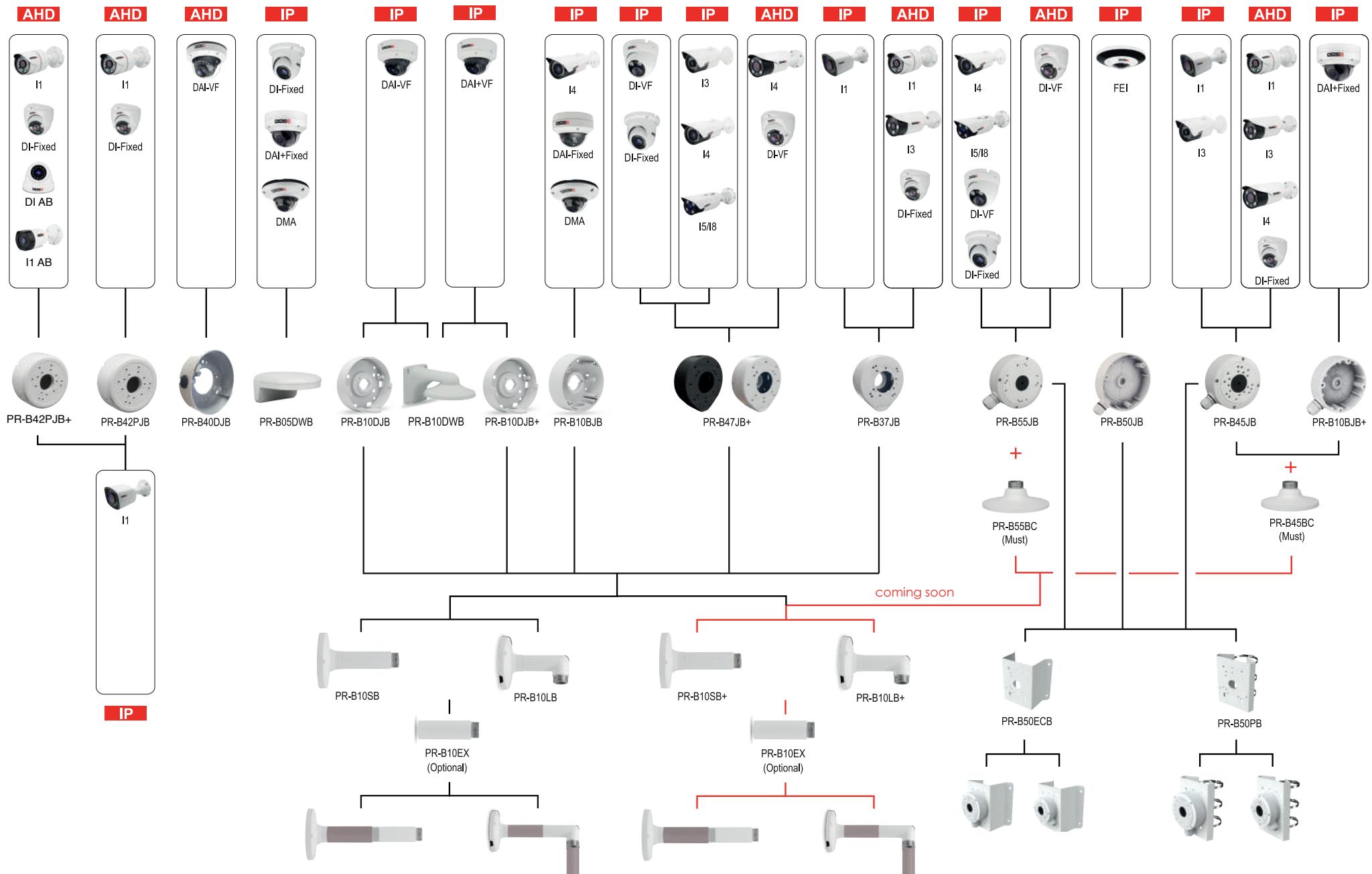
base for PR-B55JB

PR-B45BC*



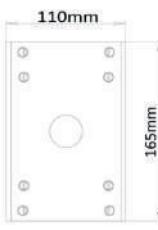
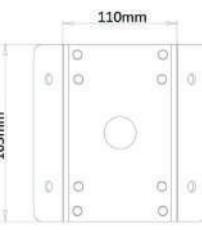
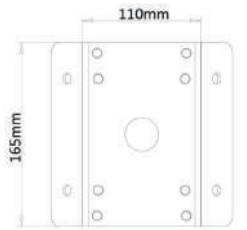
base for PR-B45JB
PR-10BJB+

*Coming soon



PTZ BRACKETS*

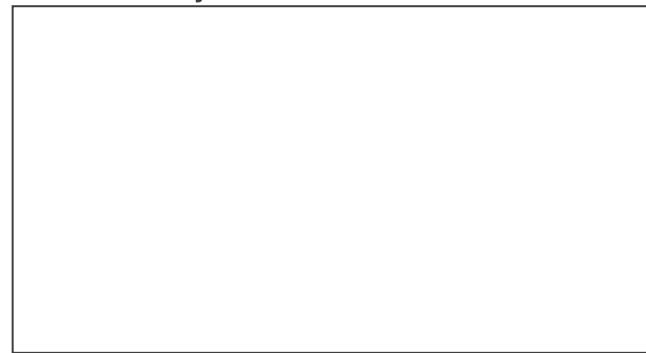
* Supported cameras: Z-20IPE-2IR, Z-30IPE-2IR, Z-20IP-3IR, Z-30IP-3IR, Z-20A-2IR

| PR-B30C | PR-B30P | PR-B30EC | PR-B30IC | PR-B20C | IP-KEY01 | C06 |
|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |
| Celing bracket | Pole Mount Bracket | External Corner Bracket | Internal Corner Bracket | Celing Bracket | IP | ANALOG |
|  |  |  |  | for MZ PTZ models | Keyboard/ Joystick for IP PTZ * Available upon request | Keyboard/Joystick for analog speed dome (RS-485) and supporting DVRs/NVRs * Available upon request |

ACCESSORIES CONNECTORS & LENS

| PR-C01 | PR-C03 | PR-C04 | PR-C07 | PR-C08 | PR-C09 | PR-C10 |
|---|---|---|--|---|--|--|
|  |  |  |  |  |  |  |
| CONNECTOR BNC male to RCA female | "T" CONNECTOR BNC male to 2 BNC female | CONNECTOR BNC female to RCA male | CONNECTOR BNC female to BNC female | CONNECTOR DC jack male | CONNECTOR DC jack female | DC CABLE WITH MALE JACK 25 cm length |
| 02812DCMP-3 | | | | | | |
| PR-C12 | PR-C13 | PR-C14 | Resolution: 3MP Focal-length: 2,8-12mm +/- 5% Relative Aperture: 1,4 +/- 5% Mounting: CS Temperature: -20°C / + 60°C Focus & zoom: manual | Focus Range: 0,2m Format: 6.6 (1/2,7") max Auto iris Temperatura di lavoro: -20°C / + 60°C Back Focal-length: 6,6mm | | |
|  |  |  | CCD FORMAT | Horizontal | Vertical | Diagonal |
| BNC PLUG | BNC PLUG (one set with three pcs) for ratchet BNC cramping tool. | DC SPLITTER 1-4 | 1/2,5" | - | - | - |
| | | | 1/2,7" | 103° - 30,8° | 74°-23° | 138° - 40° |
| | | | 1/3" | 91° - 28° | 67,5°-21,2° | 120,8°-36° |
| | | | 1/4" | 73° - 23,4° | 44,8°-14,8° | 87,6°-27,8° |

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