



FALL 2019

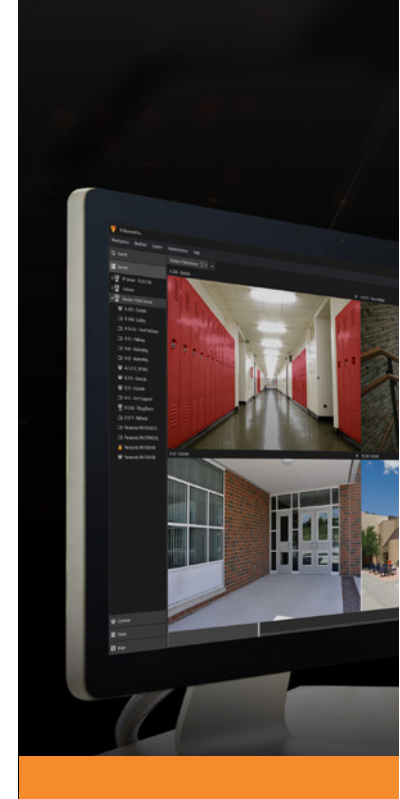
VIDEO SURVEILLANCE CATALOG

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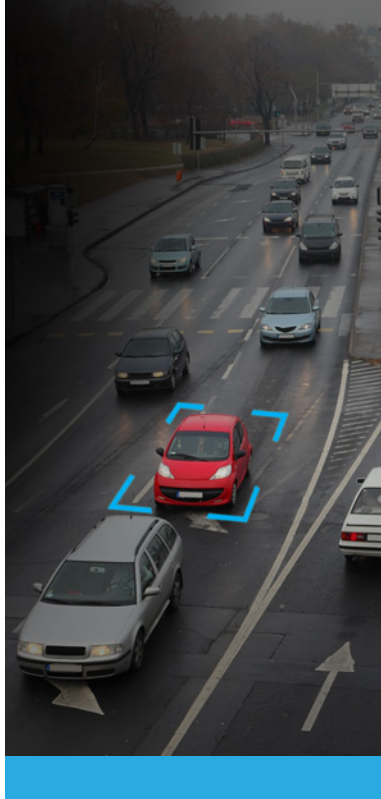
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Why work with us?

We provide industry-leading solutions to capture, record, manage and analyze surveillance video. We offer a complete comprehensive lineup of video surveillance products and solutions with the highest image quality, mission-critical reliability and the lowest total cost of ownership in the industry.

Our goal is simple: to make your life easier. We've reengineered our hardware and software into a plug and play platform that delivers enhanced point-to-point data security and enterprise level management all wrapped in powerful, intuitive applications.

5YEAR
WARRANTY

5-year warranty

All New i-PRO Extreme cameras and NX Series recorder come with 5-year warranty.

VIDEOINSIGHT™
UNLIMITED LICENSE

Video Insight

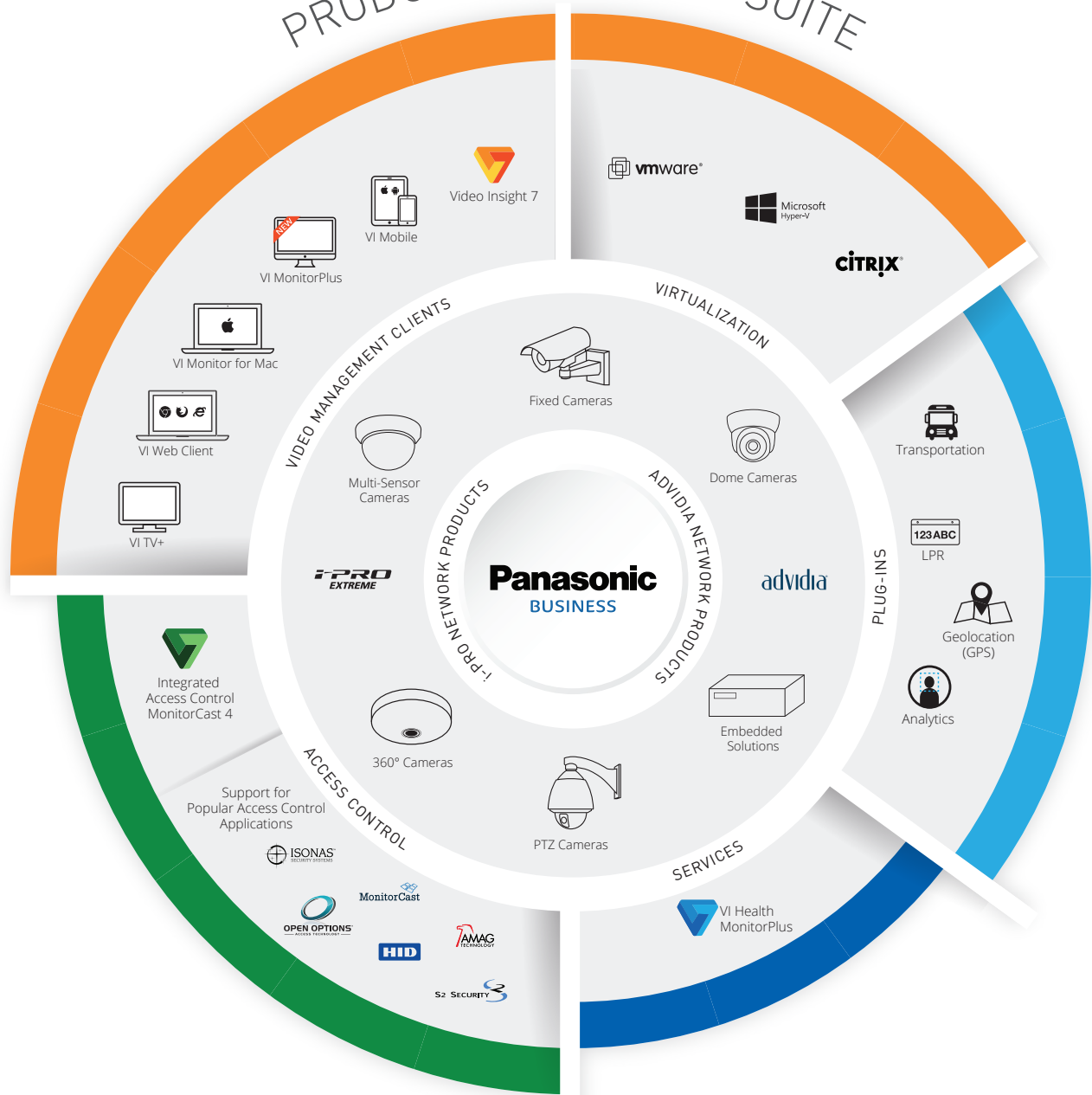
i-PRO cameras come bundled with Video insight VMS license



Priority Advanced Exchange

Receive advanced replacement units shipped the same day with overnight delivery
(Gold & Diamond Partners)

PRODUCT SOLUTIONS SUITE



WHY WORK WITH US?

The New Video Insight 7

Video Insight 7 is a powerful yet easy-to-use enterprise Video Management platform that allows organizations in education, law enforcement, healthcare, commercial, and transportation the ability to deploy a customized and robust security surveillance system. New to version 7 is enhanced functionality with our new plug-in architecture which allows even greater scalability and improved feature sets.

VIDEO MANAGEMENT SOFTWARE



CLIENTS



VI Monitor PLUS



VI Web Client



VI Monitor for Mac



VI Mobile



VI TV+

Unparalleled benefits with the New Video Insight 7!

Lower Total Cost of Ownership (TCO)

Affordability, flexibility and a simple licensing model are what sets Video Insight apart from the rest – we provide the most cost-effective enterprise class VMS solution on the market.

The enterprise VMS features you love

The Video Insight VMS has a wide range of robust features you'd expect to find in an enterprise-level software. Health Monitor, automated failover, unlimited clients and users, and active directory/LDAP integration are included.

Scale your system without limitations

Our pure 64-bit VMS supports an industry leading number of cameras per server, unlimited scalability, client workstations, users with simple integration to legacy systems, centralized administration of the system and more.

World-class U.S. based support

We pride ourselves on being able to assist you in your time of need in a timely manner. We guarantee a callback within one hour or less.

Wide range of supported cameras

Video Insight 7 is an open platform that supports over 4,000 camera models from more than 150 manufacturers.

License Included with i-PRO / ADVIDIA Cameras

Each i-PRO and ADVIDIA camera is bundled with the Video Insight VMS, requiring no camera licensing or support fees.

Competitive Upgrade Program (CUP)

The Competitive Upgrade Program (CUP) allows you to transition away from your current enterprise VMS solution to VI at a fraction of the cost. [CUP] allows you to retain your hardware investments while lowering your TCO through the elimination of annual software costs, and support fees.

Making the most of existing legacy systems

Video Insight easily integrates with your existing systems, including access control and building management. Our robust SDK and API make it easy to maintain a single interface and manage all systems from a centralized console.

KEY FEATURES

Streamlined Client (VI MonitorPlus)

With an intuitive UI Video Insight's main client empowers its users with great functionality, customization, and control all designed with efficiency in mind.

Included Access Control (MonitorCast)

MonitorCast is an enterprise access control application that is fully integrated with VI7. The two platforms work together seamlessly, forming a unified security solution. MonitorCast is easy to use, highly expandable, includes a browser-based management UI, rules manager, realtime reporting, and fully integrated with active directory.

H.265 Support

H.265 is supported for live video streaming, playback, clipping, and snapshot creation. VI users can benefit from H.265's improved bandwidth and storage efficiencies all without sacrificing image quality.

Expanded Functionality Via New Plugin Architecture

Video Insight's plugin based architecture allows users to expand the functionality of their surveillance system with features designed to meet challenges specifically faced in their vertical. Plugins include vehicle tracking plus recording, LPR, and facial recognition (FacePRO).

PLUG-INS MODULE

New Plug-in architecture enhances the capability of Video Insight 7 and adds greater scalability and improve feature sets. New plug-ins include - Analytics, Transportation, Geolocation, LPR, Gun detection and more.



Analytics



Transportation



Gun Shot Location Detection*



License Plate Recognition

*Integration with Databuoy shotpoint.



IP Server

The IP Server is the hub of Video Insight communicating directly with cameras by requesting images, forwarding images to clients, and saving them for review. Video Insight runs on all Windows platforms including virtualized environments. The server can be configured as a standalone server supporting up to 400 cameras or as part of a group of servers supporting an unlimited number of cameras.

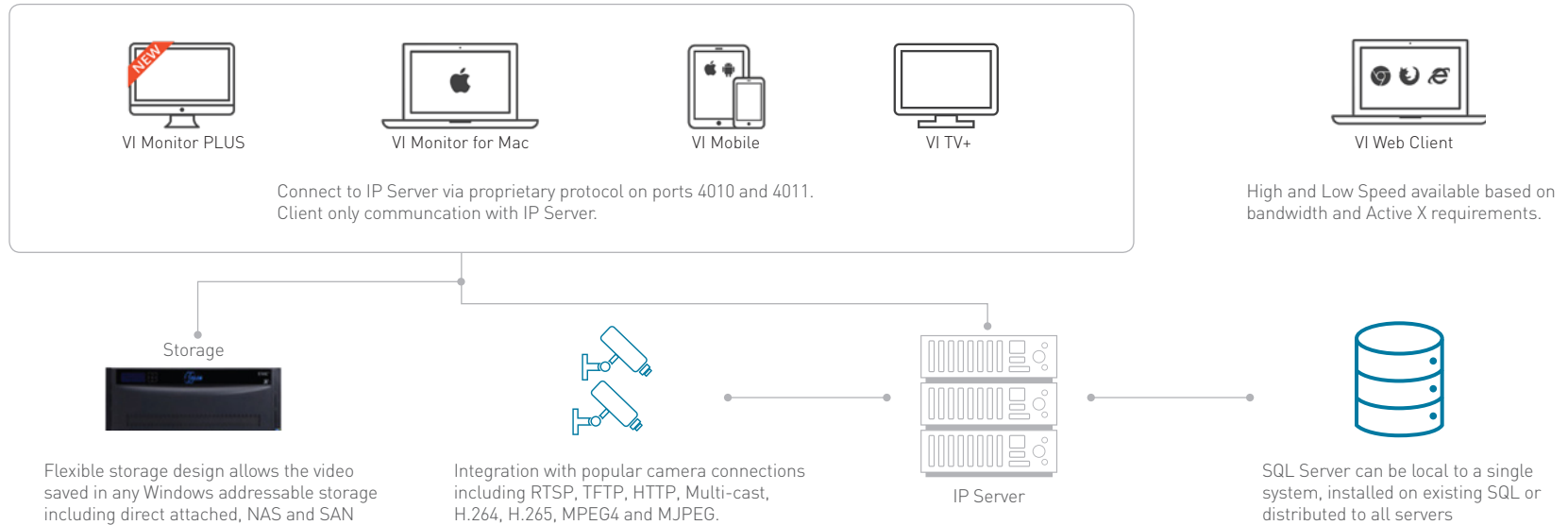
Key Benefits

- Designed for large camera deployments – multi-server, multi-location
- Open Platform allows easy integration and is SQL Server based.
- Supports camera- and server-side motion detection
- Automated Failover Integrates with Active Directory users and groups.

Storage

- Support for local, direct attached, SAN / NAS
- Dell Compellent & EMC2 Isilon
- D-Link, Veracity Coldstore


NOTE: Preloaded Video Insight NVRs Include Enterprise Server License (IPSVSE-UL)




VI Health MonitorPlus

Never miss a system failure again!


VI Health MonitorPlus is an on-premise monitoring application designed to offer visibility to your security platform, ensuring mission-critical infrastructure is always running at optimal conditions. It provides an easy to use interface, with real-time monitoring of resources, that alerts administrators of any issues and system failures.




Easy to use
Dashboard



Email Alerts



Accessible from
anywhere



Encrypted
Communication
for secure access

FEATURES

Track Server and Camera Health Availability

VI Health MonitorPlus provides detailed information over the health of your site's cameras along with the CPU, Memory, and Storage usage of each server being monitored.

Receive Email Notification Alerts

In the event of inactive cameras or unresponsive servers, VI Health MonitorPlus will notify any designated user in real-time, alerting them about the issue, and minimizing downtimes.

Generate Customizable Reports

VI Health MonitorPlus provides its users with the ability to generate Audit Reports based on date ranges, allowing users to quickly identify trouble spots.

Scalable Monitoring

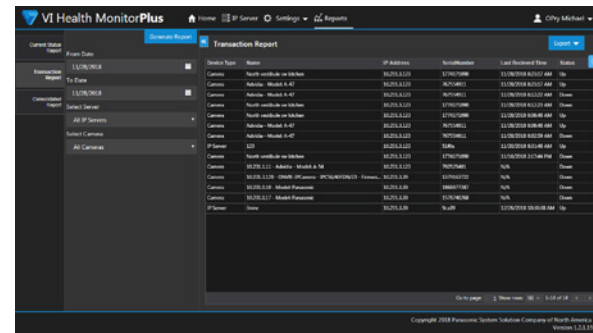
Due to its unique architecture, VI Health MonitorPlus can grow and scale based on your needs, no matter the configuration.

Accessible anytime, anywhere

No matter where you are, you can keep tabs on the health and status of multiple sites through any major web browser of your choice.



Dashboard - Provides an overview of the health of the entire security system



Transaction Report - Users can generate reports based on date ranges to quickly identify trouble spots

Centralized visibility of your security system health to help minimize system failures

- Helps ensure the health of your security platform
- Easy intuitive dashboard
- Real-time information and alerts to help identify and resolve failure faster
- Centrally monitor security platform from anywhere
- User authentication via SSL encrypted communication for secure access

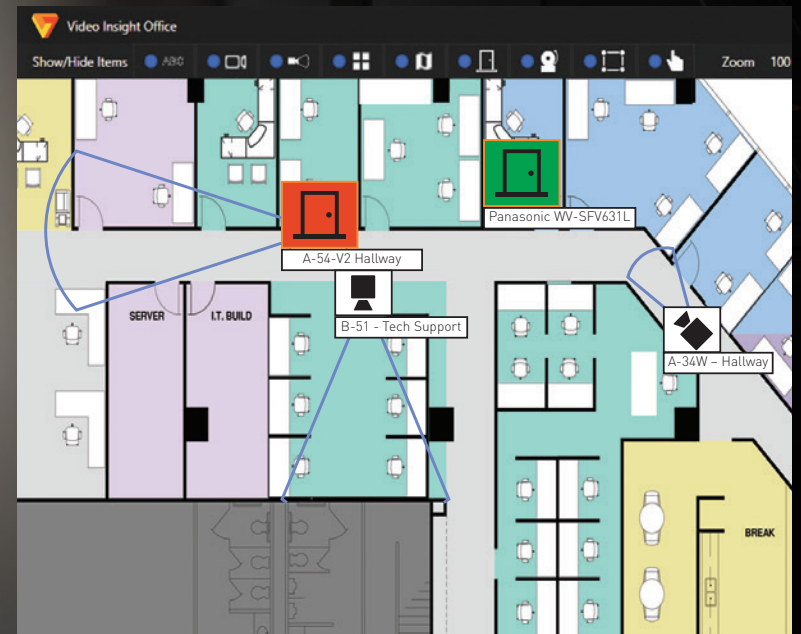
SYSTEM REQUIREMENTS

On-Premise Low Tier – v1.2.1

- 8 GB Memory
- 4 Core Machine
- 500 GB Hard Drive
- Windows Server 2016
- SQL Server 2017 Express
- Supports 150 Servers and up to 7500 Cameras, 10+ Concurrent Users

MonitorCast 4

MonitorCast 4 is an enterprise access control application that comes integrated with the Video Insight 7 to provide a seamless unified security solution. It is designed to help security officials increase readiness and respond to incidents faster. The application does not require additional software installation or client license fees.



Simple Dashboard Displays Door Alarms on the Facility Map
Plot out your alarms visually using Map Based Alarms, providing real-time door alarms using the VI Monitor client access control map interface.

KEY FEATURES

Multi-Site Support

- Perfect for large multi-location facilities such as, government buildings, school districts, office branch locations, and even sporting arenas.
- Provides the ability to partition controllers between multiple primary and secondary sites.
- Each site contains independent controllable hardware, cardholders, and schedules all managed in one central console.

Built-in Rules Manager

- Reader/Door Rules
- I/O triggers
- Access Denied/Granted
- Reader Override
- Keypad Duress and Output triggers
- Email Notifications

Scheduling Support

- Easily add or modify all schedule types
- Custom Holiday Scheduling a year in advance
- Advanced Scheduling for special days or events
- Snow day to override all door schedules

Panic Buttons

- Proactively protect any facility with Panic Buttons. These programmed input devices can easily lock down a facility and override all door schedules.

Database Trimmer

- Provides the ability to limit the time frame of records kept within MonitorCast's database.
- Provides greater stability and usability to the platform.
- Helps DB admins and fellow users reduce the size of unwanted/expired information being stored in the database.

Card Access Management and Easy Enrollment

- Assign cards directly from the dashboard.
- Provides the ability to granularly assign individual card types to controllers, no matter if you are using 26bit card or another format entirely.
- Easily Enroll a Readers' configuration
- Simply assign a card with a quick scan which opens the Personnel Enrollment page linked to Card's Number.

Card Format Discovery Support

- With a simple scan of any card MonitorCast 4 can provide exact Card Format information. Info such as card Facility Code assignment or card Enrollment status.
- Allows for easy Formatting, Assignment, and Retrieval of lost or stolen cards.

Customizable Reports

- MonitorCast 4 empowers its users with an array of customizable reports which are exportable directly from its UI.
- File formats for reports: PDF & XLS (Via VI MonitorPlus).
- Reader Access Reports (provides data on access to specific door: name, & access level).
- User and Card History
- Time & Attendance
- Personnel Area

Active Directory and CSV Import utilities

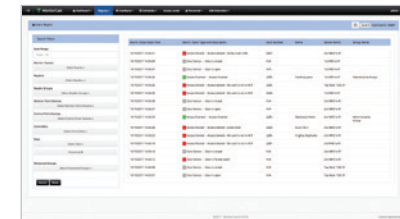
- Unify your IT infrastructure by centralizing your configuration and personnel management database.
- By using Active Directory, system administrators can import individual personnel or groups efficiently.
- Active Directory & CSV import include Emails, Names and Phone numbers.
- Import Personnel Photo from Local Path.
- Personnel Activation Date/Deactivation Date.
- (Active Directory Sync functionality coming soon).



Custom Dashboard



Easy User Import & Creation



Customizable System Reports

MERCURY HARDWARE

MonitorCast 4 is designed to support genuine Mercury hardware, making it easy to utilize most boards from existing installations without any modifications.

| CONTROLLER | TYPE | PRIMARY POWER | READERS | INPUTS | OUTPUTS | ADDITIONAL FEATURES |
|------------------|------------------------|-----------------------------|---------|--------------------|------------------------------|----------------------------|
| MERCURY-LP4502 | Intelligent Controller | 12-24VDC +/- 10%, 150mA Max | 2 | 8 Standard Inputs | 4 Relays: Form C, 5A 30Vdc | Scalable up to 64 doors |
| MERCURY-LP2500 | Intelligent Controller | 12-24VDC +/- 10%, 150mA Max | 0 | 0 Inputs | 0 Relays | Scalable up to 64 doors |
| MERCURY-LP1501 | Intelligent Controller | PoE @ 12.95W or 12Vdc | 2 | 2 Standard Inputs | 2 Relays: Form C, 2A @ 30Vdc | Scalable up to 17 doors |
| MERCURY-LP1502 | Intelligent Controller | 12-24VDC +/- 10%, 150mA Max | 2 | 8 Standard Inputs | 4 Relays: Form C, 5A 30Vdc | Scalable up to 64 doors |
| MERCURY-MR50-S3 | Sub-Controller | 12-24VDC +/- 10%, 150mA Max | 1 | 2 Standard Inputs | 1 Relay: 5A 30Vdc | Requires 485 Communication |
| MERCURY-MR62e | Sub-Controller | PoE @ 12.95W or 12Vdc | 4 | 6 Standard Inputs | 4 Relays: Form C, 2A @ 30Vdc | Network Communication |
| MERCURY-MR52-S3 | Sub-Controller | 12-24VDC +/- 10%, 150mA Max | 2 | 8 Standard Inputs | 6 Relays: Form C, 5A 30Vdc | Requires 485 Communication |
| MERCURY-MR16i-S3 | Sub-Controller | 12-24VDC +/- 10%, 150mA Max | 0 | 16 Standard Inputs | 2 Relays: Form C, 5A 28Vdc | Requires 485 Communication |
| MERCURY-MR16o-S3 | Sub-Controller | 12-24VDC +/- 10%, 150mA Max | 0 | 0 Inputs | 16 Relays: Form C, 5A 28Vdc | Requires 485 Communication |

Licensing: The application is licensed on a "per door" basis and a numeric license is required and specifies the number of doors allowed to run on each MonitorCast 4 installation. In addition, licenses are specific to the server and hardware used on a single box. If needed, additional doors can be added a la carte. Lastly, all licenses have no recurring fees with a current Video Insight SUP agreement or Advivia products.

FacePRO

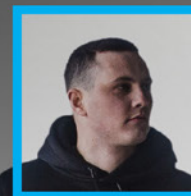
FacePRO™ Facial Recognition System now with Deep Learning Technology

FacePRO™ Facial Recognition Solution automatically compares a person's face using live or recorded video from Panasonic i-PRO cameras to a database of registered faces, triggering alerts and notifications when a match occurs.

It provides real-time processing capacity of up to 20 cameras per server and can execute high-speed searches of up to 30,000 registered reference faces.

Key Features

- Automatically recognizes a subject's face using live or recorded video.
- High Accuracy - Top-tier facial recognition engine evaluated by NIST. A unique algorithm utilizing Deep Learning technology enables recognition in severe conditions, such as partially hidden faces with sunglasses or masks, angled faces or faces changed by aging.
- "Best-shot" Analytic Technology helps reduce bandwidth and server loads, lowering the total cost of ownership.
- Up to 20 cameras on a server, expandable to 2,000 total cameras with Multiple Server configuration.
- Enrollment of 30,000 faces into a Watch List with optional license.
- Face Matching Alarm triggers events on VMS.



Angled Face
Left/Right $\pm 45^\circ$ | Up/Down $\pm 30^\circ$

Sunglasses

Surgical Mask

KEY FUNCTIONS INCLUDE

Real-time Face Matching

- When a match is made to a registered person's face, an alarm is triggered accompanied by pop-up window which is displayed on a viewing client.
- Click to playback video for immediate review of the person's behavior before and after the face alarm or search.

Face Search

- Search faces by time, date, or face thumbnails gathered from all cameras.
- By sorting search results by time and date, a suspect's activities can be traced.
- Quickly register any thumbnails from search result to your watch list with a few clicks of the mouse.

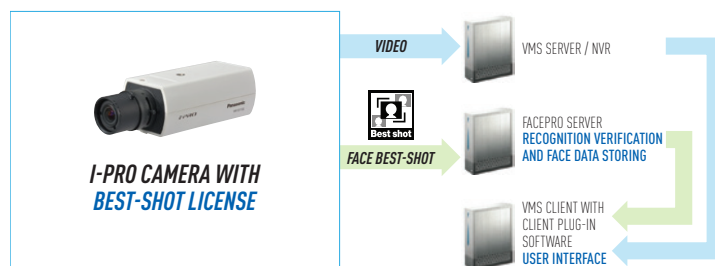
Age & Gender stats

- Generate detailed reports consisting of, people counting figures along with age and gender estimates.
- Display report results through statistical graphs which can help analyze the trend of visitors.
- The statistical data can be downloaded as a CSV file for further analytical use.

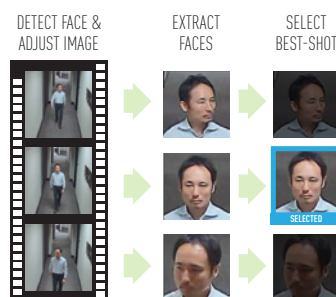
NEW Unregistered Face Detection

- When a person is captured who is not in the permission list, an alarm is triggered.
- You can define areas and assign different watchlists. It's to get alarm by access permission by area.

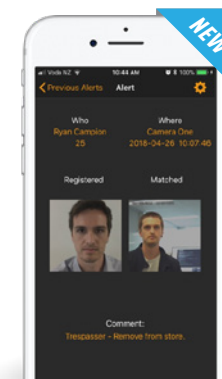
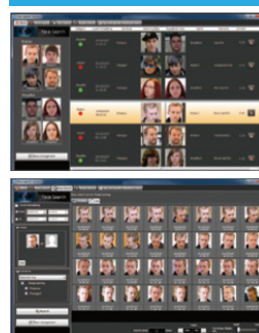
SYSTEM DIAGRAM



FACE BEST-SHOT FUNCTION BUILT IN CAMERA



ALARM / SEARCH / STAT



FACE ALERT MOBILE APP

Brings FacePRO facial recognition technology to the palm of your hands.

- Receive notification of face matching alert.
- View the history of face matching alerts
- Register a face and show a registered faces

- Compatible VMS: Video Insight V7.2 or later / WV-ASM300 / Genetec Security Center V5.4 or later
- Up to 20 cameras can be connected to a server with option license WV-ASFE901W/ASFE904W
- Up to 30K face can be registered to a watch list with option license WV-ASFE951W
- For more detailed information, visit our web site: security.us.panasonic.com/technologies/facepro
- Recommended camera: WV-S6130, S2531LTN, S1131, S1111

LINE UP

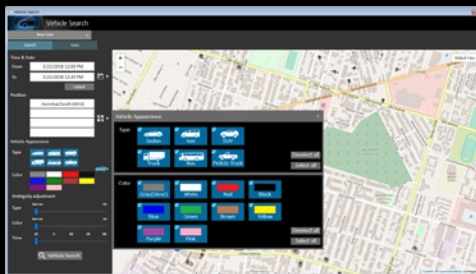
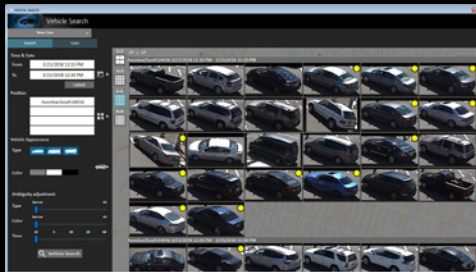
| MODEL NUMBER | | PRODUCT NAME | NOTE |
|--------------------|-------------------|--|---|
| Server | SRV-R-FPRO-4C-1TB | Facial Recognition Kit Server (Server Software is pre-installed) | Including: -4ch Camera license -10K face registration license |
| | WV-ASFE950W | Facial Recognition Server Software (Software only) | |
| Additional license | WV-ASFE951W | Additional Face Registration Kit | Add 10K face registration per license |
| | WV-ASFE901W | Additional Camera Kit | Add 1ch Camera license |
| | WV-ASFE904W | | Add 4ch Camera license |
| Client Plug-in | WV-ASE231W | Client Plug-in Software | 1 Client per license |
| Mobile App | FPRO-BS01-AP | FaceAlert App Base License | Per system |
| | FPRO-BS01-AP-1Y | FaceAlert App Annual Maintenance License | |

Vehicle Search Solution

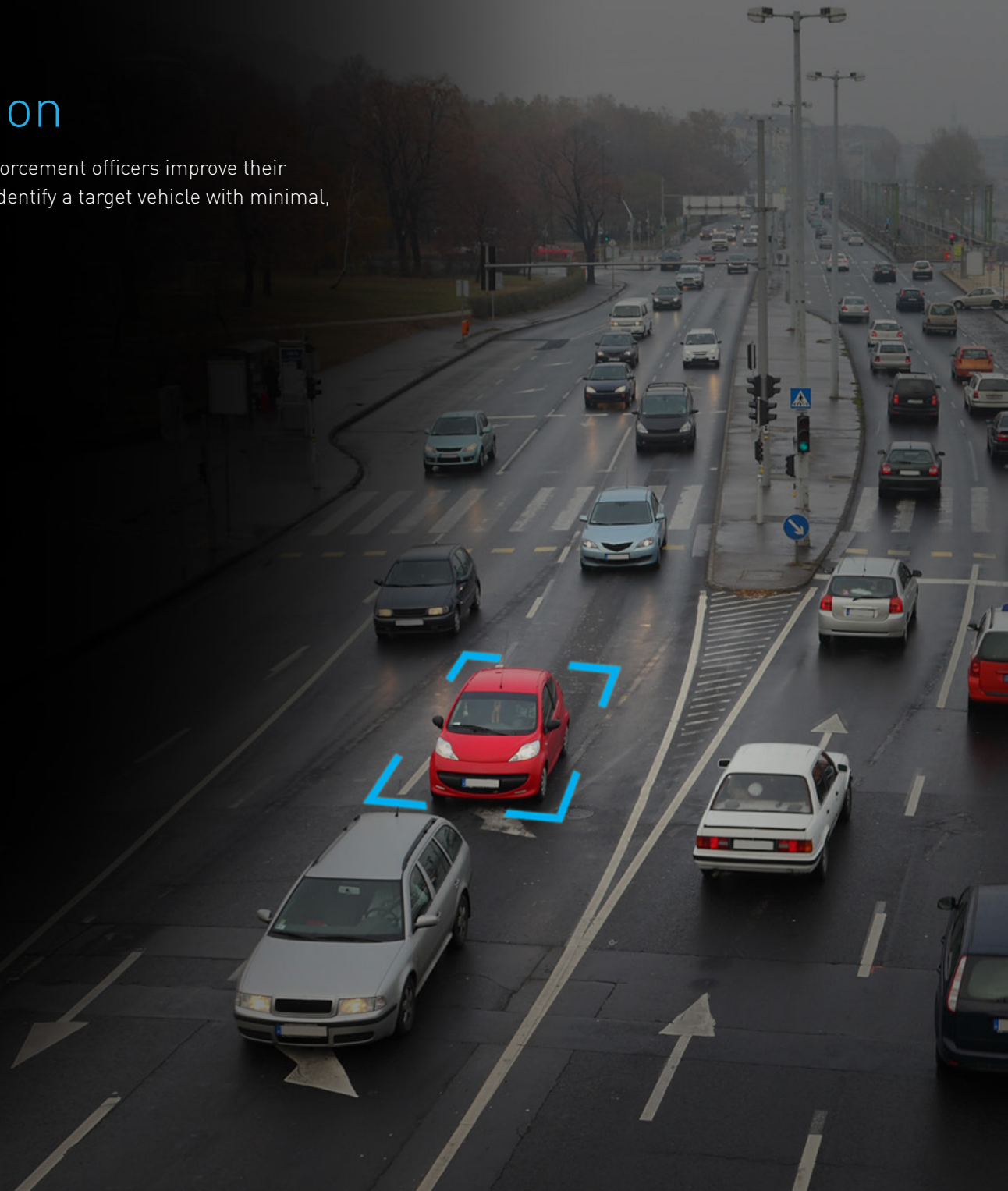
Vehicle Search technology is designed to help Law Enforcement officers improve their efficiency by reducing the time needed to search and identify a target vehicle with minimal, vague or generic information.

Key Features

- **Real-time Vehicle Recognition**
Achieved through Deep Learning technology.
- **Identify vehicles faster**
Vehicle search based on specific key parameters like: color, type, camera location or moving direction.
- **Reduce detection time**
Searched vehicles are shown on the map with their moving directions.
- **Reduce costs with scalable system**
Up to 20 cameras supported per server, helping minimize total system cost.
- **Sharing and reviewing incidents made simple!**
Search results can be shared with onsite officers and witnesses for immediate review.



Dashboard makes the process of searching for suspect vehicles simple – select vehicle color or style.



KEY FUNCTIONS INCLUDE

Vehicle Search

Vehicles can be searched and narrowed down by time, date, camera location, 6 vehicle types, 10 vehicle colors and up to 16 moving directions.

Map Display

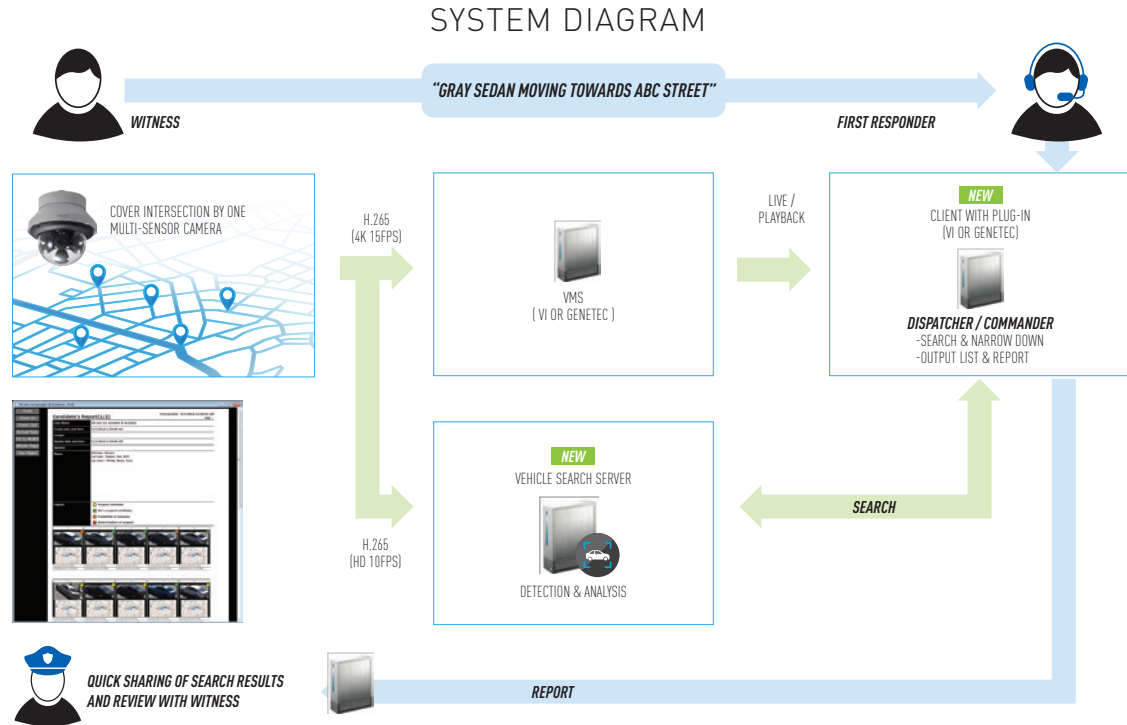
- Target area can be easily selected on an online map
- Selected vehicle's moving direction is shown on the map to narrow down on the target.

Reporting

Pick out suspicious vehicles from the search result and create "candidate report" to share the info with on-site officers and witness to review and narrow down the options

Seamless Operation to Playback

The GUI is fully integrated with the VMS making transitioning to playback operation smooth, allowing a user to quickly check all needed information relating to a target.



- Compatible VMS: VideoInsight V7.4 or later / Genetec Security Center V5.7 or later
- Compatible Camera: i-PRO Extreme series. Refer to the security.us.panasonic.com/i-pro

- Up to 20 cameras can be connected to a server with option license WV-ASVE104W/ASVE101W

LINE UP

| | MODEL NUMBER | PRODUCT NAME | NOTE |
|--------------------|--------------|--------------------------------|-----------------------------------|
| Server | WV-ASV100W | Vehicle Search Server Software | 4ch Camera License is attached |
| Additional License | WV-ASVE104W | Additional Camera license | for additional 4ch camera license |
| | WV-ASVE101W | | for additional 1ch camera license |
| Client Plug-in | WV-ASVC101W | Client Plug-in Software | per client PC |
| Software Support | WV-ASVM111W | Software Support | per 1 year, per server |

Transit Solution

End-to-End Security Solution for Transportation

Panasonic's new Transportation solution provides Security Officials with easy access to recorded video and seamless integration between the Command Center and the Fleet of buses – Never miss the cause of the accident ever again!

Key Features

- Tracks bus activity and location to identify unexpected incidents
- Provides seamless integration with Video Insight 7 for easy monitoring
- Transfers Recorder footage automatically upon arrival at the main station
- Provides Video playback with Geo-location data displayed on a map
- Programmable actions trigger recording (stop sign, door open/close and panic button)

4K
ULTRA HD ENGINE



360° Dome
Network Camera



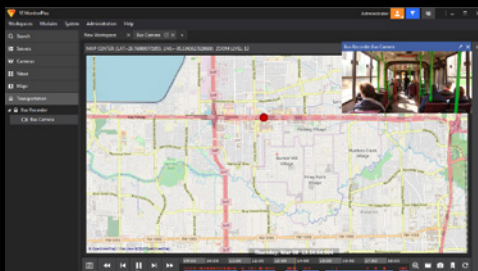
Compact Dome
Network Camera



Rugged Mobile
Network Camera

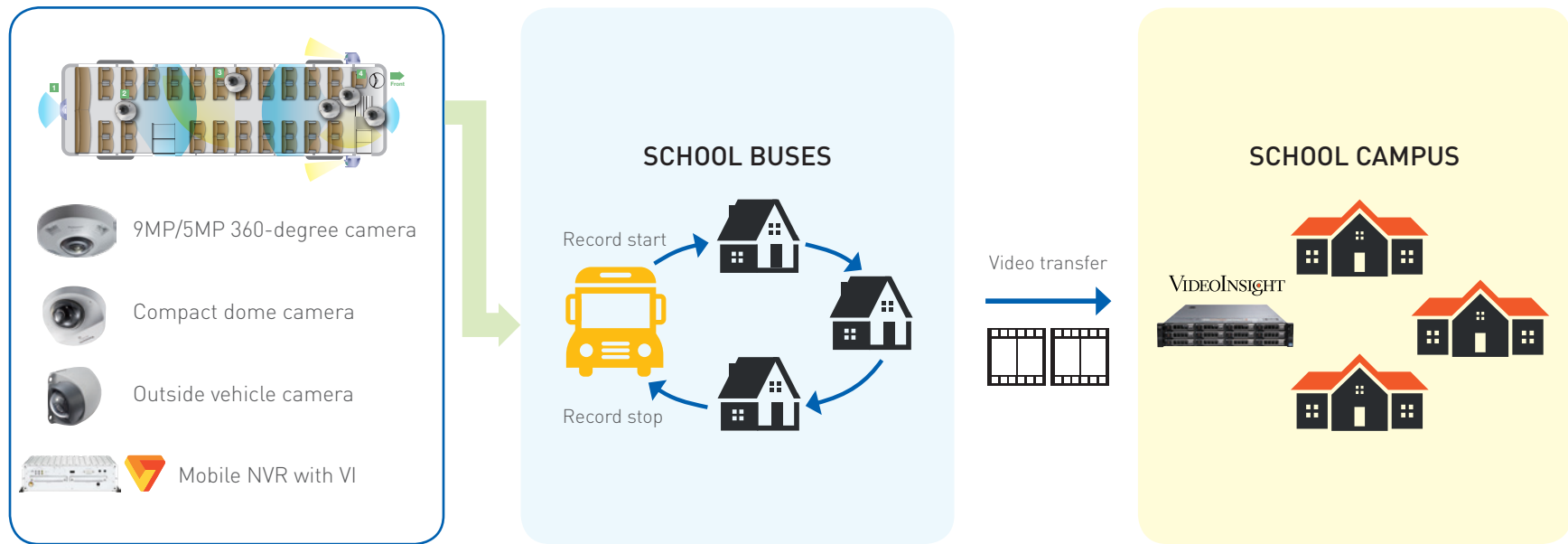


Mobile
Recorder



Client Plug-in Software

SYSTEM OVERVIEW



LINE UP

| PRODUCT | SPECIFICATION | | | | | | MODEL NUMBER | |
|------------|------------------|-----|-----------|----------|-----------|----------------------|----------------|-------------------|
| | CPU | RAM | OS | PoE port | Data slot | Data drive | Without Wi-Fi | With Wi-Fi |
| Mobile NVR | Intel ATOM E3950 | 4GB | Win10 IoT | 8ch | 2 | No SSD | MR-8C-AT-K | MR-8C-AT-K-W |
| | | | | | | 1x 1TB SSD (70 degC) | MR-8C-AT-TL1TB | MR-8C-AT-TL1TB-W |
| | | | | | | 1x 2TB SSD (70 degC) | MR-8C-AT-TL2TB | MR-8C-AT-TL2TB-W |
| | | | | | | 2x 2TB SSD (70 degC) | MR-8C-AT-TL4TB | MR-8C-AT-TL4TB-W |
| | | | | | | 1x 1TB SSD (85 degC) | MR-8C-AT-ML1TB | MR-8C-AT-ML1TB-W |
| | | | | | | 1x 2TB SSD (85 degC) | MR-8C-AT-ML2TB | MR-8C-AT-ML2TB-W |
| | | | | | | 2x 2TB SSD (85 degC) | MR-8C-AT-ML4TB | MR-8C-AT-ML4TB-W |
| | Intel ATOM E3940 | 4GB | Win10 IoT | 6ch | 1 | No SSD | MR-6C-AT-K | MR-6C-AT-K-W |
| | | | | | | 1x 1TB SSD (70 degC) | MR-6C-AT-TL1TB | MR-6C-AT-TL1TB-W |
| | | | | | | 1x 2TB SSD (70 degC) | MR-6C-AT-TL2TB | MR-6C-AT-TL2TB -W |
| | | | | | | 1x 1TB SSD (85 degC) | MR-6C-AT-ML1TB | MR-6C-AT-ML1TB-W |
| | | | | | | 1x 2TB SSD (85 degC) | MR-6C-AT-ML2TB | MR-6C-AT-ML2TB -W |

| PRODUCT | DESCRIPTION | MODEL NUMBER |
|---------------|---|---|
| Storage drive | 1TB SSD | MR-TL1TB (70 degC) / MR-ML1TB (85 degC) |
| | 2TB SSD | MR-TL2TB (70 degC) / MR-ML2TB (85 degC) |
| License | Transit Solution plug-in software per NVR | PSVS-AD-TRANS-UL |

**i-PRO
EXTREME**



Panasonic Network Products



i-PRO PRODUCTS

PANASONIC NETWORK PRODUCTS

Panasonic i-PRO cameras are designed for multiple applications and provide a wide range of capabilities, including Enhanced Super Dynamic, High-accuracy Motion Detection, Analytic features, Face Detection, Wide-area Monitoring, and more. All i-PRO cameras include a license for VI MonitorPlus VMS software and are backed by a 5-year warranty.



PTZ Cameras

Panasonic PTZ cameras combine unparalleled image quality with incredible durability and reliability. The perfect security camera for wide-area coverage requiring pan, tilt and zoom capability.



Multi Sensor Cameras

Panasonic's i-PRO Extreme Multi-Sensor cameras capture the highest quality images even in very challenging dynamic environments. These cameras can excel at capturing clear images, even in low light conditions from multiple angles through the use of their four repositionable lenses.



Dome Cameras

Fixed Dome cameras have the power to be more discreet than standard Fixed Network cameras. The Panasonic i-Pro Fixed Dome cameras work well in busy open areas since they can conceal which direction they are pointing while still providing excellent and reliable video.



Fixed Cameras

Panasonic fixed cameras provide a clearly visible, fixed angle of view, making it easy to see exactly where they're pointing and record a precisely defined area.



360 Degree Cameras

Panasonic Vandal Resistant 360° Dome cameras are ideal for surveillance applications where wide area coverage is required. This type of camera allows for multiple viewing angles and can be used to improve area management as well as detect activities in a large area.



Embedded Solutions

i-PRO embedded solutions allows the unification of large multi-recorder, multi-site networked video systems for centralized operation and ease-of-use.

5YEAR
WARRANTY

VIDEOINSIGHT
UNLIMITED LICENSE

PRIORITY ADVANCE*
EXCHANGE

iA

*(Gold and Diamond Partners) Receive advanced replacement units.

PAN TILT ZOOM CAMERAS



| MODEL # | | WV-X6533LN | WV-S6532LN | WV-X6531N | WV-X6511N | WV-S6530N |
|-------------------------------|-------------------|---|---|---|---|---|
| Resolution | | 1080P | 1080P | 1080P | 720P | 1080P |
| Environmental Type | | Outdoor | Outdoor | Outdoor | Outdoor | Outdoor |
| Sensor | | 1/2.8" CMOS | 1/2.8" CMOS | 1/2.8" CMOS | 1/2.8" CMOS | 1/2.9" CMOS |
| Video Codec | | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1280 x 720 | 1920 x 1080 |
| | 4 : 3 | 2048 x 1536 [*1] | 2048 x 1536 [*1] | 2048 x 1536 [*1] | 1280 x 960 | 2048 x 1536 [*1] |
| Max. FPS @Max. Resolution | | 60fps (1080p) | 60fps (1080p) | 60fps (1080p) | 60fps (720p) | 60fps (1080p) |
| Super Dynamic [Dynamic range] | | Yes [144dB] | Yes [144dB] | Yes [144dB] | Yes [144dB] | Yes [144dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.015 lx @F1.6 | 0.015 lx @F1.6 | 0.015 lx @F1.6 | 0.011 lx @F1.6 | 0.015 lx @F1.6 |
| | Color (Sens up) | 0.001 lx [16x] | 0.001 lx [16x] | 0.001 lx [16x] | 0.0007 lx [16x] | 0.001 lx [16x] |
| | B/W | 0.0 lx @F1.6 (w/IR) | 0.0 lx @F1.6 (w/IR) | 0.006 lx @F1.6 | 0.005 lx @F1.6 | 0.006 lx @F1.6 |
| | B/W (Sens up) | — | — | 0.0004 lx [16x] | 0.0003 lx [16x] | 0.0004 lx [16x] |
| Lens | | f= 4.25 to 170 mm, F1.6 Motorized | f= 4.25 to 95 mm, F1.6 Motorized | f= 4.25 to 170 mm, F1.6 Motorized | f= 4.25 to 170 mm, F1.6 Motorized | f= 4.0 to 84.6 mm, F1.6 Motorized |
| Angular field of view | 16 : 9 | H: 1.9 to 66 deg. V: 1.1 to 39 deg. | H: 3.4 to 66 deg. V: 2.0 to 39 deg. | H: 2.1 to 65 deg. V: 1.2 to 39 deg. | H: 2.1 to 65 deg. V: 1.2 to 39 deg. | H: 3.4 to 73 deg. V: 2.0 to 42 deg. |
| | 4 : 3 | H: 1.4 to 51 deg. V: 1.1 to 39 deg. | H: 2.6 to 51 deg. V: 2.0 to 39 deg. | H: 1.6 to 51 deg. V: 1.2 to 39 deg. | H: 1.6 to 51 deg. V: 1.2 to 39 deg. | H: 2.9 to 61 deg. V: 2.2 to 46 deg. |
| Optical Zoom | | 40x | 22x | 40x | 40x | 21x |
| Pan/Tilt Range | | 360 Endless / -30~+210 deg. | 360 Endless / -30~+210 deg. | 360 Endless / -15~+195 deg. | 360 Endless / -15~+195 deg. | 0~350 deg. / -30~90 deg. |
| Built-in IR LED | | Yes, 1150 ft(AC 24 V/ Tested PoE injector), 500 ft(PoE+ device) | Yes (330 ft) | — | — | — |
| Image stabilization | | Yes | Yes | Yes | Yes | Yes |
| Intelligent Video Analytics | | Type4, Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4, Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4, Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4, Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4, Intruder, Loitering, Direction, Scene Change, Cross Line, Object |
| VIQS | | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) |
| Audio | In (Line) / Out | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| | In (Built-in MIC) | — | — | — | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes [3] [*3] | Yes [3] [*3] | Yes [3] [*3] | Yes [3] [*3] | Yes [3] [*3] |
| Monitor Out | | Yes (mini-jack) | Yes (mini-jack) | Yes (mini-jack) | Yes (mini-jack) | Yes (mini-jack) |
| Shock Resistant | | IK10 | IK10 | IK10 | IK10 | IK10 |
| Water and Dust Resistance | | IP66, NEMA 4X compliant | IP66, NEMA 4X compliant | IP66, NEMA 4X compliant | IP66, NEMA 4X compliant | IP66, NEMA 4X compliant |
| Clearsight coating | | Yes | Yes | Yes | Yes | Yes |
| Operating Temperature | | -58°F to +140°F [AC24V/60WPoE] , -22°F to +140°F [PoE+] | -40°F to +140°F [AC24V/60WPoE] , -22°F to +140°F [PoE+] | -58°F to +140°F [AC24V/60WPoE] , -22°F to +140°F [PoE+] | -58°F to +140°F [AC24V/60WPoE] , -22°F to +140°F [PoE+] | -40°F to +140°F [AC 24 V] -22°F to +140°F [PoE+] |
| Power Source | | 24 V AC / PoE+ / 60W PoE Injector | 24 V AC / PoE+ / 60W PoE Injector | 24 V AC / PoE+ / 60W PoE Injector | 24 V AC / PoE+ / 60W PoE Injector | 24 V AC / PoE+ |
| Other Functions | | Onvif S/G, Defroster | Onvif S/G, Defroster | Onvif S/G | Onvif S/G | Onvif S/G |

[*1]: w/Super resolution [*2]: Only for SD REC [*3]: Alarm In1 (Day/Night In, Auto time adjustment), Alarm In2 (Alarm Out), Alarm In3 (AUX Out) [x1 for each]

PAN TILT ZOOM CAMERAS



| MODEL # | | WV-SUD638 | WV-S6131 | WV-S6130 | WV-S6111 |
|-------------------------------|-------------------|--|--|---|--|
| Resolution | | 1080P | 1080P | 1080P | 720P |
| Environmental Type | | Outdoor | Indoor | Indoor | Indoor |
| Sensor | | 1/3" CMOS | 1/2.8" CMOS | 1/2.9" CMOS | 1/2.8" CMOS |
| Video Codec | | H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1280 x 720 |
| | 4 : 3 | 1280 x 960 | 2048 x 1536 [*1] | 2048 x 1536 [*1] | 1280 x 960 |
| Max. FPS @Max. Resolution | | 60 fps (1080p) | 60fps (1080p) | 60fps (1080p) | 60fps (720p) |
| Super Dynamic [Dynamic range] | | Yes [105dB] | Yes [144dB] | Yes [144dB] | Yes [144dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.06 lx @F1.6 | 0.015 lx @F1.6 | 0.015 lx @F1.6 | 0.015 lx @F1.6 |
| | Color (Sens up) | 0.004 lx (16x) | 0.001 lx (16x) | 0.001 lx (16x) | 0.001 lx (16x) |
| | B/W | 0.0 lx @F1.6 (w/IR) | 0.006 lx @F1.6 | 0.006 lx @F1.6 | 0.006 lx @F1.6 |
| | B/W (Sens up) | — | 0.0004 lx (16x) | 0.0004 lx (16x) | 0.0004 lx (16x) |
| Lens | | f= 4.3 to 129 mm, F1.6 Motorized | f= 4.25 to 170 mm, F1.6 Motorized | f= 4.0 to 84.6 mm, F1.6 Motorized | f= 4.25 to 170 mm, F1.6 Motorized |
| Angular field of view | 16 : 9 | H: 2.3 to 64 deg. V: 1.3 to 38 deg. | H: 1.9 to 66 deg. V: 1.1 to 39 deg. | H: 3.5 to 74 deg. V: 2.0 to 42 deg. | H: 1.9 to 66 deg. V: 1.1 to 39 deg. |
| | 4 : 3 | H: 1.8 to 50 deg. V: 1.3 to 38 deg. | H: 1.4 to 51 deg. V: 1.1 to 39 deg. | H: 3.0 to 61 deg. V: 2.3 to 46 deg. | H: 1.4 to 51 deg. V: 1.1 to 39 deg. |
| Optical Zoom | | 30x | 40x | 21x | 40x |
| Pan/Tilt Range | | 360 Endless / Upright : -45~+90 deg. Forward tilt : -90~+90 deg. Hanging : +30~-90deg. | 360 Endless / -25~+205 deg. | 0-350 deg. / -30-90 deg. | 360 Endless / -25~+205 deg. |
| Built-in IR LED | | [Optional] Yes (500ft) | — | — | — |
| Image stabilization | | Yes | Yes | Yes | Yes |
| Intelligent Video Analytics | | — | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object |
| VIQS | | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) |
| Audio | In [Line] / Out | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| | In [Built-in MIC] | — | — | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | — | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes (3) [*3] | Yes (3) [*3] | Yes (3) [*3] | Yes (3) [*3] |
| Monitor Out | | — | Yes (mini-jack) | Yes (mini-jack) | Yes (mini-jack) |
| Shock Resistant | | IK10 | — | — | — |
| Water and Dust Resistance | | IP67 / IP66 / NEMA 4X | — | — | — |
| Clearsight coating | | — | — | — | — |
| Operating Temperature | | -58°F to +140°F | 14°F to +122°F | 14°F to +122°F (Ceiling / Mount Bracket) 14°F to +104°F (Desktop / Tripod) | 14°F to +122°F |
| Power Source | | AC100 to 240V / 60W Injector | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE |
| Other Functions | | Onvif S, Built-in wiper, Defroster | Onvif S/G | Onvif S/G | Onvif S/G |

[*1]: w/Super resolution [*2]: Only for SD REC [*3]: Alarm In1 (Day/Night In, Auto time adjustment), Alarm In2 (Alarm Out), Alarm In3 (AUX Out) (x1 for each)

MULTI-SENSOR CAMERAS



| MODEL # | | WV-X8570N | WV-S8530N |
|-------------------------------|-------------------|-------------------------------|---|
| Resolution | | 33 MP [4 x 4K] | 8 MP [4 x 1080P] |
| Environmental Type | | Outdoor | Outdoor |
| Sensor | | 4 x 1/1.8" CMOS | 4 x 1/3" CMOS |
| Video Codec | | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 3840 x 2160 [*1] | 1920 x 1080 [*1] |
| | 4 : 3 | — | 1600 x 1200 [*1] |
| Max. FPS @Max. Resolution | | 15fps [4K] | 30fps [2MP] |
| Super Dynamic [Dynamic range] | | Yes [108dB] | Yes [108dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.12 lx @F1.6 | 0.09 lx @F2.2 |
| | Color (Sens up) | 0.008 lx @F1.6 | 0.006 lx @F2.2 |
| | B/W | 0.05 @F1.6 | 0.04 @F2.2 |
| | B/W (Sens up) | 0.003 lx @F1.6 | 0.003 lx @F2.2 |
| Lens | | f= 4.6 mm, F1.6 | f= 3.2 to 5.7 mm, F2.2 |
| Angular field of view | 16 : 9 | H: 97 deg. V: 53 deg. [*1] | H: 53 (tele) to 99 deg. [wide] V: 30 (tele) to 54 deg. [wide] [*1] |
| | 4 : 3 | — | H: 44 (tele) to 81 deg. [wide] V: 33 (tele) to 60 deg. [wide] [*1] |
| Optical Zoom | | — | 1.8x |
| Pan/Tilt Range | | — | — |
| Built-in IR LED | | — | — |
| Image stabilization | | — | — |
| Intelligent Video Analytics | | — | — |
| VIQS | | Yes [8-areas] [*1] | Yes [8-areas] [*1] |
| Audio | In (Line) / Out | Yes / — | — |
| | In [Built-in MIC] | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*2] | — |
| SD Memory Card | | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes [3] [*3] | — |
| Monitor Out | | USB I/F for W-Fi adaptor | USB I/F for W-Fi adaptor |
| Shock Resistant | | IK10 | IK10 |
| Water and Dust Resistance | | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant |
| Clearsight coating | | Yes | Yes |
| Operating Temperature | | -40°F to +140°F | -40°F to +140°F |
| Power Source | | PoE | PoE |
| Other Functions | | Onvif S/G | Onvif S/G |

[*1]: Specification of one sensor [*2]: Only for SD REC [*3]: Alarm In 1 (Day/Night In, Auto time adjustment), Alarm In 2 (Alarm Out), Alarm In 3 (AUX Out) (x1 for each)

DOMES CAMERAS



| MODEL # | | WV-S2570L | WV-S2550L | WV-S2531LTN | WV-S2531LN | WV-S2511LN |
|-------------------------------|-------------------|---|---|---|---|---|
| Resolution | | 4K | 5 MP | 1080P | 1080P | 720P |
| Environmental Type | | Outdoor | Outdoor | Outdoor | Outdoor | Outdoor |
| Sensor | | 1/1.8" CMOS | 1/2.8" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Video Codec | | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 3840x2160 | 3072 x 1728 [*1] | 1920 x 1080 | 1920 x 1080 | 1280 x 720 |
| | 4 : 3 | — | 3072 x 2304 [*1] | 2048 x 1536 [*1] | 2048 x 1536 [*1] | 1280 x 960 |
| Max. FPS @Max. Resolution | | 30fps [4k] | 30fps [5MP] | 60fps [1080p] | 60fps [1080p] | 60fps [720p] |
| Super Dynamic [Dynamic range] | | Yes [120dB] | Yes [120dB] | Yes [144dB] | Yes [144dB] | Yes [144dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.09 lx @F1.5 | 0.07 lx @F1.3 | 0.015 lx @F1.7 | 0.012 lx @F1.6 | 0.008 lx @F1.6 |
| | Color (Sens up) | 0.006 lx (16x) | 0.0044 lx @F1.3 | 0.001 lx (16x) | 0.0008 lx (16x) | 0.0005 lx (16x) |
| | B/W | 0.0 lx @F1.5 (w/IR) | 0.0 lx @F1.3 (w/IR) | 0.0 lx @F1.7 (w/IR) | 0.0 lx @F1.6 (w/IR) | 0.0 lx @F1.6 (w/IR) |
| | B/W (Sens up) | — | — | — | — | — |
| Lens | | f= 4.3 to 8.6 mm, F1.5 Motorized | f=2.9 to 9 mm, F1.3 Motorized | f= 9 to 21 mm, F1.7 Motorized | f= 2.8 to 10 mm, F1.6 Motorized | f= 2.8 to 10 mm, F1.6 Motorized |
| Angular field of view | 16 : 9 | H: 52 to 101 deg. V: 29 to 55 deg. | H: 33 to 103 deg. V: 19 to 55 deg. | H: 14 to 34 deg. V: 8 to 19 deg. | H: 30 to 108 deg. V: 17 to 58 deg. | H: 30 to 108 deg. V: 17 to 58 deg. |
| | 4 : 3 | — | H: 33 to 103 deg. V: 25 to 75 deg. | H: 12 to 28 deg. V: 9 to 21 deg. | H: 25 to 90 deg. V: 19 to 65 deg. | H: 25 to 90 deg. V: 19 to 65 deg. |
| Optical Zoom | | 2.0x | 3.1 x | 2.3x | 3.6x | 3.6x |
| Pan/Tilt Range | | — | — | — | — | — |
| Built-in IR LED | | Yes (131 ft) | Yes (131 ft) | Yes (131 ft) | Yes (131 ft) | Yes (131 ft) |
| Image stabilization | | — | — | Yes | Yes | Yes |
| Intelligent Video Analytics | | Type6 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type6 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object |
| VIQS | | Yes (8-areas) | Yes (8-areas) | — | — | — |
| Audio | In [Line] / Out | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| | In [Built-in MIC] | — | — | — | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes (3) [*3] | Yes (3) [*3] | Yes (3) [*3] | Yes (3) [*3] | Yes (3) [*3] |
| Monitor Out | | Yes (mini jack) | Yes (mini jack) | Yes (mini jack) | Yes (mini jack) | Yes (mini jack) |
| Shock Resistant | | 50J, IK10 | 50J, IK10 | 50J, IK10 | 50J, IK10 | 50J, IK10 |
| Water and Dust Resistance | | IP66, NEMA 4X compliant | IP66, NEMA 4X compliant | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant |
| Clearsight coating | | [Optional] | [Optional] | Yes | Yes | Yes |
| Operating Temperature | | -40°F to +140°F [*4] | -40 °F to 140 °F [*4] | -40°F to +140°F [*4] | -40°F to +140°F [*4] | -40°F to +140°F [*4] |
| Power Source | | 12V DC / PoE | 12V DC / PoE | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE |
| Other Functions | | Onvif S/G | Onvif S/G | Onvif S/G | Onvif S/G | Onvif S/G |

[*1]: w/Super resolution [*2]: Only for SD REC [*3]: Alarm In1 (Day/Night In, Auto time adjustment), Alarm In 2 (Alarm Out), Alarm In 3 (AUX Out) (x1 for each) [*4]: When the IR LED is ON, the maximum temperature is 122°F

DOMES CAMERAS



| MODEL # | | WV-SFV781L | WV-S3531L/WV-S3532LM [*1] | WV-S3511L/WV-S3512LM [*1] | WV-SBV131M [*1] | WV-SBV111M [*1] |
|-------------------------------|-------------------|---------------------------------------|--|--|---|---|
| Resolution | | 4K | 1080P | 720P | 1080P | 720P |
| Environmental Type | | Outdoor | Outdoor | Outdoor | Outdoor | Outdoor |
| Sensor | | 1/1.7" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Video Codec | | H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.264 / JPEG | H.264 / JPEG |
| Max. Resolution | 16 : 9 | 3840 x 2160 | 1920 x 1080 | 1280 x 720 | 1920 x 1080 | 1280 x 720 |
| | 4 : 3 | 4000 x 3000 | 2048 x 1536 [*2] | 1280 x 960 | 2048 x 1536 [*2] | 1280 x 960 |
| Max. FPS @Max. Resolution | | 30fps (4K) | 60fps (1080p) | 60fps (720p) | 30fps (1080p) | 30fps (720p) |
| Super Dynamic [Dynamic range] | | WDR | Yes [144dB] | Yes [134dB] | WDR | WDR |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (Electrical) | Yes (Electrical) |
| Min. Illumination | Color | 0.3 lx @F1.6 | 0.03 lx @F2.3 | 0.02 lx @F2.3 | 0.1 lx @F2.2 | 0.04 lx @F2.2 |
| | Color (Sens up) | 0.02 lx (16x) | 0.0019 lx (16x) | 0.0013 lx (16x) | 0.007 lx (16x) | 0.003 lx (16x) |
| | B/W | 0.0 lx @F1.6 (w/IR) | 0.0 lx @F2.3 (w/IR) | 0.0 lx @F2.3 (w/IR) | 0.06 lx @F2.2 | 0.03 lx @F2.2 |
| | B/W (Sens up) | — | — | — | 0.004 lx (16x) | 0.002 lx (16x) |
| Lens | | f=4.2 to 25.2 mm, F1.6 Motorized | f= 2.8 mm, F2.3 | f= 2.8 mm, F2.3 | f= 1.95 mm, F2.2 | f= 1.95 mm, F2.2 |
| Angular field of view | 16 : 9 | H: 17 to 96 deg. V: 9.3 to 54 deg. | H: 108 deg. V: 60 deg. | H: 97 deg. V: 54 deg. | H: 109 deg. V: 73 deg. | H: 104 deg. V: 69 deg. |
| | 4 : 3 | H: 17 to 100 deg. V: 13 to 75 deg. | H: 89 deg. V: 66 deg. | H: 97 deg. V: 72 deg. | H: 97 deg. V: 79 deg. | H: 104 deg. V: 85 deg. |
| Optical Zoom | | 6x | — | — | — | — |
| Pan/Tilt Range | | — | — | — | — | — |
| Built-in IR LED | | Yes (98 ft) | Yes (49 ft) | Yes (49 ft) | — | — |
| Image stabilization | | — | — | — | — | — |
| Intelligent Video Analytics | | — | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | — | — |
| VIQS | | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) | Yes (8-areas) |
| Audio | In (Line) / Out | Yes / Yes | — | — | — | — |
| | In (Built-in MIC) | — | Yes | Yes | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*3] | G.711 / G.726 / AAC-LC [*3] | G.711 / G.726 / AAC-LC [*3] | — | — |
| SD Memory Card | | Yes (SDXC) | Yes (microSDXC) | Yes (microSDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes (3) [*4] | — | — | — | — |
| Monitor Out | | Yes (RCA) | — | — | — | — |
| Shock Resistant | | IK10 | IK10 | IK10 | IK10 | IK10 |
| Water and Dust Resistance | | IP66 / NEMA 4X compliant | IP66, NEMA 4X compliant | IP66, NEMA 4X compliant | IP6K9K / IP66 / NEMA 4X | IP6K9K / IP66 / NEMA 4X |
| Clearsight coating | | Yes | — | — | — | — |
| Operating Temperature | | -49°F to +122°F | -22°F to +122°F | -22°F to +122°F | -49°F to +140°F | -49°F to +140°F |
| Power Source | | 12 V DC / PoE | PoE | PoE | PoE | PoE |
| Other Functions | | Onvif S/G | Onvif S/G, EN45545-2 compliant (WV-S3532LM only), EN50155-TX | Onvif S/G, EN45545-2 compliant (WV-S3512LM only), EN50155-TX | Onvif S/G, MIL-STD-810G, EN50155-T3, EN50121, EN45545, EN50498, ECE-R10 | Onvif S/G, MIL-STD-810G, EN50155-T3, EN50121, EN45545, EN50498, ECE-R10 |

[*1]: 10BASE-T/100BASE-TX, M12 connector [*2]: w/Super resolution [*3]: Only for SD REC [*4]: Alarm In1 (Day/Night In), Alarm In2 (Alarm Out), Alarm In3 (AUX Out Day/Night Out) (x1 for each)

DOME CAMERAS



| MODEL # | | WV-S2270L | WV-S2250L | WV-S2231L | WV-S2211L |
|-------------------------------|-------------------|--|--|--|--|
| Resolution | | 4K | 5 MP | 1080P | 720P |
| Environmental Type | | Indoor Vandal | Indoor Vandal | Indoor Vandal | Indoor Vandal |
| Sensor | | 1/1.8" CMOS | 1/2.8" CMOS | 1/3" CMOS | 1/3" CMOS |
| Video Codec | | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 3840 x 2160 | 3072 x 1728 [*1] | 1920 x 1080 | 1280 x 720 |
| | 4 : 3 | — | 3072 x 2304 [*1] | 2048 x 1536 [*1] | 1280 x 960 |
| Max. FPS @Max. Resolution | | 30fps (4K) | 30fps (5MP) | 60fps (1080p) | 60fps (720p) |
| Super Dynamic [Dynamic range] | | Yes [120dB] | Yes [120dB] | Yes [144dB] | Yes [144dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.09 lx @F1.5 | 0.07 lx @F1.3 | 0.012 lx @F1.6 | 0.008 lx @F1.6 |
| | Color (Sens up) | 0.006 lx (16x) | 0.0044 lx @F1.3 | 0.0008 lx (16x) | 0.0005 lx (16x) |
| | B/W | 0.0 lx @F1.5 (w/IR) | 0.0 lx @F1.3 (w/IR) | 0.0 lx @F1.6 (w/IR) | 0.0 lx @F1.6 (w/IR) |
| | B/W (Sens up) | — | — | — | — |
| Lens | | f= 4.3 to 8.6 mm, F1.5 Motorized | f= 2.9 to 9 mm, F1.3 Motorized | f= 2.8 to 10 mm, F1.6 Motorized | f= 2.8 to 10 mm, F1.6 |
| Angular field of view | 16 : 9 | H: 52 to 101 deg. V: 29 to 55 deg. | H: 33 to 105 deg. V: 19 to 56 deg. | H: 30 to 109 deg. V: 17 to 58 deg. | H: 30 to 109 deg. V: 17 to 58 deg. |
| | 4 : 3 | — | H: 33 to 105 deg. V: 25 to 76 deg. | H: 25 to 90 deg. V: 19 to 65 deg. | H: 25 to 90 deg. V: 19 to 65 deg. |
| Optical Zoom | | 2x | 3.1 x | 3.6x | 3.6x |
| Pan/Tilt Range | | — | — | — | — |
| Built-in IR LED | | Yes (98 ft) | Yes (98 ft) | Yes (98 ft) | Yes (98 ft) |
| Image stabilization | | — | — | Yes | Yes |
| Intelligent Video Analytics | | Type6 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type6 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object |
| VIQS | | Yes (8-areas) | Yes | — | — |
| Audio | In (Line) / Out | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| | In (Built-in MIC) | — | — | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes (3) [*3] | Yes (3) | Yes (3) [*3] | Yes (3) [*3] |
| Monitor Out | | Yes (mini jack) | Yes (mini jack) | Yes (mini jack) | Yes (mini jack) |
| Shock Resistant | | IK10 | IK10 | IK10 | IK10 |
| Water and Dust Resistance | | — | — | — | — |
| Clearsight coating | | — | — | — | — |
| Operating Temperature | | 14°F to 122°F | 14°F to 122°F | +14°F to +122°F | +14°F to +122°F |
| Power Source | | 12V DC / PoE | 12V DC / PoE | 12 V DC / PoE | 12 V DC / PoE |
| Other Functions | | Onvif S/G | Onvif S/G | Onvif S/G | Onvif S/G |

[*1]: w/Super resolution [*2]: Only for SD R [*3]: Alarm In 1 (Day/Night In, Auto time adjustment), Alarm In 2 (Alarm Out), Alarm In 3 (AUX Out) (x1 for each)

DOMES CAMERAS



| MODEL # | | WV-S2131L | WV-S2111L | WV-S2110 | WV-S3131L | WV-S3111L |
|-------------------------------|-------------------|--|--|--|--|--|
| Resolution | | 1080P | 720P | 720P | 1080P | 720P |
| Environmental Type | | Indoor | Indoor | Indoor | Indoor | Indoor |
| Sensor | | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Video Codec | | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 1920 x 1080 | 1280 x 720 | 1280 x 720 | 1920 x 1080 | 1280 x 720 |
| | 4 : 3 | 2048 x 1536 [*1] | 1280 x 960 | 1280 x 960 | 2048 x 1536 [*1] | 1280 x 960 |
| Max. FPS @Max. Resolution | | 60fps [1080p] | 60fps [720p] | 60fps [720p] | 60fps [1080p] | 60fps [720p] |
| Super Dynamic [Dynamic range] | | Yes [144dB] | Yes [144dB] | Yes [144dB] | Yes [144dB] | Yes [134dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (Electrical) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.012 lx @F1.6 | 0.008 lx @F1.6 | 0.008 lx @F1.6 | 0.03 lx @F2.3 | 0.02 lx @F2.3 |
| | Color (Sens up) | 0.0008 lx (16x) | 0.0005 lx (16x) | 0.0005 lx (16x) | 0.0019 lx (16x) | 0.0013 lx (16x) |
| | B/W | 0.0 lx @F1.6 (w/IR) | 0.0 lx @F1.6 (w/IR) | 0.007 lx @F1.6 | 0.0 lx @F2.3 (w/IR) | 0.0 lx @F2.3 (w/IR) |
| | B/W (Sens up) | — | — | 0.00044 lx (16x) | — | — |
| Lens | | f= 2.8 to 10 mm, F1.6 Motorized | f= 2.8 to 10 mm, F1.6 | f= 2.8 to 10 mm, F1.6 | f= 2.8 mm, F2.3 | f= 2.8 mm, F2.3 |
| Angular field of view | 16 : 9 | H: 30 to 110 deg. V: 17 to 59 deg. | H: 30 to 110 deg. V: 17 to 59 deg. | H: 30 to 110 deg. V: 17 to 59 deg. | H: 108 deg. V: 60 deg. | H: 97 deg. V: 54 deg. |
| | 4 : 3 | H: 25 to 90 deg. V: 19 to 66 deg. | H: 25 to 90 deg. V: 19 to 66 deg. | H: 25 to 90 deg. V: 19 to 66 deg. | H: 89 deg. V: 66 deg. | H: 97 deg. V: 72 deg. |
| Optical Zoom | | 3.6x | 3.6x | 3.6x | — | — |
| Pan/Tilt Range | | — | — | — | — | — |
| Built-in IR LED | | Yes (98 ft) | Yes (98 ft) | — | Yes (49 ft) | Yes (49 ft) |
| Image stabilization | | Yes | Yes | Yes | — | — |
| Intelligent Video Analytics | | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object |
| VIQS | | — | — | — | Yes (8-areas) | Yes (8-areas) |
| Audio | In (Line) / Out | Yes / Yes | Yes / Yes | — | — | - |
| | In (Built-in MIC) | — | — | — | Yes | Yes |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | Yes (SDXC) | Yes (SDXC) | — | Yes (microSDXC) | Yes (microSDXC) |
| External I/O | | Yes [3] [*3] | Yes [3] [*3] | — | — | — |
| Monitor Out | | Yes (mini jack) | Yes (mini jack) | Yes (mini jack) | — | — |
| Shock Resistant | | — | — | — | — | — |
| Water and Dust Resistance | | — | — | — | — | — |
| Clearsight coating | | — | — | — | — | — |
| Operating Temperature | | +14°F to +122°F | +14°F to +122°F | +14°F to +122°F | +32°F to +104°F | +32°F to +104°F |
| Power Source | | 12 V DC / PoE | 12 V DC / PoE | PoE | PoE | PoE |
| Other Functions | | Onvif S/G | Onvif S/G | Onvif S | Onvif S/G | Onvif S/G |

[*1]: w/Super resolution [*2]: Only for SD REC [*3]: Alarm In1 (Day/Night In, Auto time adjustment), Alarm In 2 (Alarm Out), Alarm In 3 (AUX Out) (x1 for each)

BOX CAMERAS



| MODEL # | | WV-S1570L | WV-S1550L | WV-S1531LN | WV-S1531LTN | WV-S1511LN |
|-------------------------------|-------------------|---|---|---|---|---|
| Resolution | | 4K | 5MP | 1080P | 1080P | 720P |
| Environmental Type | | Outdoor | Outdoor | Outdoor | Outdoor | Outdoor |
| Sensor | | 1/1.8" CMOS | 1/2.8" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Video Codec | | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 3840 x 2160 | 3072 x 1728 [*1] | 1920 x 1080 | 1920 x 1080 | 1280 x 720 |
| | 4 : 3 | — | 3072 x 2304 [*1] | 2048 x 1536 [*1] | 2048 x 1536 [*1] | 1280 x 960 |
| Max. FPS @Max. Resolution | | 30fps [4K] | 30fps [5MP] | 60fps [1080p] | 60fps [1080p] | 60fps [720p] |
| Super Dynamic [Dynamic range] | | Yes [120B] | Yes [120B] | Yes [144B] | Yes [144B] | Yes [144B] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.09 lx @F1.5 | 0.07 lx @F1.3 | 0.012 lx @F1.6 | 0.015 lx @F1.7 | 0.008 lx @F1.6 |
| | Color (Sens up) | 0.006 lx (16x) | 0.0044 lx @F1.3 | 0.0008 lx (16x) | 0.001 lx (16x) | 0.0005 lx (16x) |
| | B/W | 0.0 lx @F1.5 (w/IR) | 0.0 lx @F1.3 (w/IR) | 0.0 lx @F1.6 (w/IR) | 0.0 lx @F1.7 (w/IR) | 0.0 lx @F1.6 (w/IR) |
| | B/W (Sens up) | — | — | — | — | — |
| Lens | | f= 4.3 to 8.6 mm, F1.5 Motorized | f=2.9 to 9 mm, F1.3 Motorized | f = 2.8 to 10 mm, F1.6 Motorized | f = 9 to 21 mm, F1.7 Motorized | f = 2.8 to 10 mm, F1.6 Motorized |
| Angular field of view | 16 : 9 | H: 53 to 104 deg. V: 30 to 56 deg. | H : 34 to 106 deg. V : 19 to 57 deg. | H : 31 to 112 deg. V : 17 to 60 deg. | H : 14 to 34 deg. V : 8 to 19 deg. | H : 31 to 112 deg. V : 17 to 60 deg. |
| | 4 : 3 | — | H : 34 to 106 deg. V : 25 to 77 deg. | H : 26 to 91 deg. V : 19 to 67 deg. | H : 12 to 28 deg. V : 9 to 21 deg. | H : 26 to 91 deg. V : 19 to 67 deg. |
| Optical Zoom | | 2 x | 3.1 x | 3.6x | 2.3x | 3.6x |
| Pan/Tilt Range | | — | — | — | — | — |
| Built-in IR LED | | Yes (131 ft) | Yes (131 ft) | Yes (131 ft) | Yes (131 ft) | Yes (131 ft) |
| Image stabilization | | — | — | Yes | Yes | Yes |
| Intelligent Video Analytics | | Type6 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type6 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object |
| VIQS | | Yes (8-areas) | Yes | — | — | — |
| Audio | In [Line] / Out | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| | In [Built-in MIC] | — | — | — | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes [3] [*3] | Yes [3] [*3] | Yes [3] [*3] | Yes [3] [*3] | Yes [3] [*3] |
| Monitor Out | | Yes (RCA) | Yes (RCA) | Yes (RCA) | Yes (RCA) | Yes (RCA) |
| Shock Resistant | | IK10 | IK10 | IK10 | IK10 | IK10 |
| Water and Dust Resistance | | IP66, NEMA 4X compliant | IP66, NEMA 4X compliant | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant |
| Clearsight coating | | [Optional] | [Optional] | Yes | Yes | Yes |
| Operating Temperature | | -40°F to 140°F [*4] | -40°F to 140°F [*4] | -40°F to 140°F [*4] | -40°F to 140°F [*4] | -40°F to +140°F [*4] |
| Power Source | | 12V DC / PoE | 12V DC / PoE | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE |
| Other Functions | | Onvif S/G | Onvif S/G | Onvif S/G | Onvif S/G | Onvif S/G |

[*1] w/Super resolution [*2] Only for SD REC [*3]: Alarm In 1 (Day/Night In, Auto time adjustment), Alarm In 2 (Alarm Out), Alarm In 3 (AUX Out) (x1 for each) [*4] When the IR LED is ON, the maximum temperature is 122°F.

BOX CAMERAS



**i-PRO
EXTREME**

**i-PRO
EXTREME**

| MODEL # | | WV-SPV781L | WV-S1131 | WV-S1111 |
|-------------------------------|-------------------|---------------------------------------|--|--|
| Resolution | | 4K | 1080P | 720P |
| Environmental Type | | Outdoor | Indoor | Indoor |
| Sensor | | 1/1.7" CMOS | 1/2.8" CMOS | 1/2.8" CMOS |
| Video Codec | | H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 3840 x 2160 | 1920 x 1080 | 1280 x 720 |
| | 4 : 3 | 4000 x 3000 | 2048 x 1536 [*1] | 1280 x 960 |
| Max. FPS @Max. Resolution | | 30fps (4K) | 60fps (1080p) | 60fps (720p) |
| Super Dynamic [Dynamic range] | | WDR | Yes [144B] | Yes [144B] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.3 lx @F1.6 | 0.01 lx @F1.4 | 0.007 lx @F1.4 |
| | Color (Sens up) | 0.02 lx (16x) | 0.0007 lx (16x) | 0.0005 lx (16x) |
| | B/W | 0.0 lx @F1.6 (w/IR) | 0.004 lx @F1.4 | 0.003 lx @F1.4 |
| | B/W (Sens up) | — | 0.0003 lx (16x) | 0.0002 lx (16x) |
| Lens | | f=4.2 to 25.2 mm, F1.6 Motorized | CS Mount *Lens is not included | CS Mount *Lens is not included |
| Angular field of view | 16 : 9 | H: 17 to 97 deg. V: 9.4 to 55 deg. | — | — |
| | 4 : 3 | H: 18 to 101 deg. V: 13 to 76 deg. | — | — |
| Optical Zoom | | 6x | — | — |
| Pan/Tilt Range | | — | — | — |
| Built-in IR LED | | Yes (98 ft) | — | — |
| Image stabilization | | — | Yes | Yes |
| Intelligent Video Analytics | | — | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object | Type4 Intruder, Loitering, Direction, Scene Change, Cross Line, Object |
| VIQS | | Yes (8-areas) | — | — |
| Audio | In [Line] / Out | Yes / Yes | Yes / Yes | Yes / Yes |
| | In [Built-in MIC] | — | — | — |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes (3) [*3] | Yes (3) [*4] | Yes (3) [*4] |
| Monitor Out | | Yes (RCA) | Yes (RCA) | Yes (RCA) |
| Shock Resistant | | IK10 | — | — |
| Water and Dust Resistance | | IP66 / NEMA 4X compliant | — | — |
| Clearsight coating | | Yes | — | — |
| Operating Temperature | | -49°F to +122°F | +14°F to +122°F | +14°F to +122°F |
| Power Source | | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE |
| Other Functions | | Onvif S/G | Onvif S/G | Onvif S/G |

[*1]: w/Super resolution, [*2]: Only for SD REC [*3]: Alarm In1 (Day/Night In), Alarm In 2 (Alarm Out), Alarm In 3 (AUX Out) (x1 for each) (Description for WV-SPV781L)
[*4]: Alarm In1 (Day/Night In, Auto time adjustment), Alarm In 2 (Alarm Out), Alarm In 3 (AUX Out) (x1 for each) (Description for WV-S1131 & WV-S1111)

360 DEGREE DOME CAMERAS



| MODEL # | | WV-X4571L/WV-X4570LM [*1] | WV-S4550L/WV-S4550LM [*1] | WV-X4171 | WV-X4170 | WV-S4150 |
|-------------------------------|-------------------|--|--|--|--|--|
| Resolution | | 9 MP | 5 MP | 9 MP | 9 MP | 5 MP |
| Environmental Type | | Outdoor | Outdoor | Indoor | Indoor | Indoor |
| Sensor | | 1/2" CMOS | 1/3" CMOS | 1/2" CMOS | 1/2" CMOS | 1/3" CMOS |
| Video Codec | | H.265/H.264/JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Max. Resolution | 16 : 9 | 2560 x 1440 | 1920 x 1080 | 2560 x 1440 | 2560 x 1440 | 1920 x 1080 |
| | 4 : 3 | 2560 x 1920 2992x2992 [1:1] | 1600 x 1200 2192 x 2192 [1:1] | 2560 x 1920 2992 x 2992 [1:1] | 2560 x 1920 2992 x 2992 [1:1] | 1600 x 1200 2192 x 2192 [1:1] |
| Max. FPS @Max. Resolution | | 30fps (9M) | 30fps (5M) | 30fps (9M) | 30fps (9M) | 30fps (5M) |
| Super Dynamic [Dynamic range] | | Yes [108B] | Yes [108B] | Yes [108B] | Yes [108B] | Yes [108B] |
| Day/Night | | Yes(ICR) | Yes (ICR) | Yes (Electrical) | Yes (Electrical) | Yes (Electrical) |
| Min. Illumination | Color | 0.3 lx @F1.9 | 0.3 lx @F2.4 | 0.3 lx @F1.9 | 0.3 lx @F1.9 | 0.3 lx @F2.4 |
| | Color (Sens up) | 0.02 lx (16x) | 0.02 lx (16x) | 0.02 lx (16x) | 0.02 lx (16x) | 0.02 lx (16x) |
| | B/W | 0.0 lx @F1.9(w/IR) | 0.0 lx @F2.4 (w/IR) | 0.2 lx @F1.9 | 0.2 lx @F1.9 | 0.2 lx @F2.4 |
| | B/W (Sens up) | — | — | 0.01 lx (16x) | 0.01 lx (16x) | 0.013 lx (16x) |
| Lens | | f=1.4 mm, F1.9 | f= 0.84 mm, F2.4 | f= 1.4 mm, F1.9 | f= 1.4 mm, F1.9 | f= 0.84 mm, F2.4 |
| Angular field of view | 16 : 9 | H: 183 deg. V: 183 deg. | H: 186 deg. V: 186 deg. | H: 183 deg. V: 183 deg. | H: 183 deg. V: 183 deg. | H: 186 deg. V: 186 deg. |
| | 4 : 3 | — | — | — | — | — |
| Optical Zoom | | — | — | — | — | — |
| Pan/Tilt Range | | — | — | — | — | — |
| Built-in IR LED | | Yes (33 ft) | Yes (33 ft) | — | — | — |
| Image stabilization | | — | — | — | — | — |
| Intelligent Video Analytics | | Type5 Heat Map, People Count, MOR or Intruder/Loitering, Scene Change, Cross Line, Object | Type5 Heat Map, People Count, MOR or Intruder/Loitering, Scene Change, Cross Line, Object | Type5 Heat Map, People Count, MOR or Intruder/Loitering, Scene Change, Cross Line, Object | Type5 Heat Map, People Count, MOR or Intruder/Loitering, Scene Change, Cross Line, Object | Type5 Heat Map, People Count, MOR or Intruder/Loitering, Scene Change, Cross Line, Object |
| VIQS | | Yes (2-areas) | Yes (2-areas) | Yes (2-areas) | Yes (2-areas) | Yes (2-areas) |
| Audio | In (Line) / Out | Yes / Yes | Yes / Yes | Yes / Yes | — | Yes / Yes |
| | In (Built-in MIC) | — | — | Yes | — | Yes |
| | Codec | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | G.711 / G.726 / AAC-LC [*2] | — | G.711 / G.726 / AAC-LC [*2] |
| SD Memory Card | | Yes(SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) | Yes (SDXC) |
| External I/O | | Yes[3] [*3] | Yes (3) [*3] | Yes (3) [*4] | — | Yes (3) [*4] |
| Monitor Out | | Yes (mini jack) | Yes(mini jack) | Yes (mini jack) | — | Yes(mini jack) |
| Shock Resistant | | 50J, IK10 | 50J, IK10 | — | — | — |
| Water and Dust Resistance | | IP66 / NEMA 4X compliant | IP66/NEMA 4X compliant | — | — | — |
| Clearsight coating | | — | — | — | — | — |
| Operating Temperature | | -40°F to +140°F [*5] | -40°F to +140°F [*5] | +14°F to +122°F | +32°F to +104°F | +14°F to +122°F |
| Power Source | | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE | PoE | 12 V DC / PoE |
| Other Functions | | Onvif S/G, Railway Application (EN50155-T3, EN50121, EN45545, EN50498 and ECE-R10 [X4571LM]) | Onvif S/G, Railway Application (EN50155-T3, EN50121, EN45545, EN50498 and ECE-R10 [S4550LM]) | Onvif S/G | Onvif S/G | Onvif S/G |

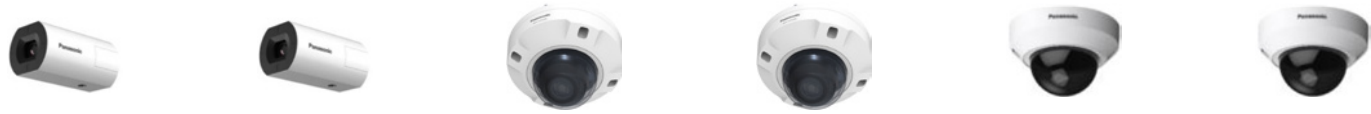
[*1]: 10BASE-T/100BASE-TX, M12 connector [*2]: Only for SD REC [*3]: Alarm In1(Day/Night In, Auto time adjustment input), Alarm In2 (Alarm Out), Alarm In3 (AUX Out) (x1 for each)
[*4]: Alarm In1 (Auto time adjustment input), Alarm In2 (Alarm Out), Alarm In3 (AUX Out) (x1 for each) [*5]: When the IR LED is ON, the maximum temperature is 122°F

COMING SOON



| MODEL # | | WV-U2542L | WV-U2532L | WV-U2142L | WV-U2132L | WV-U1542L | WV-U1532L |
|---------------------------|-------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| CAMERA TYPE | | DOME | DOME | DOME | DOME | BOX | BOX |
| COMING SOON | | SPRING | SPRING | SPRING | SPRING | SPRING | SPRING |
| Resolution | | 4MP | 1080P | 4MP | 1080P | 4MP | 1080P |
| Environmental Type | | Outdoor | Outdoor | Indoor | Indoor | Outdoor | Outdoor |
| Sensor | | 1/2.7 CMOS | 1/2.9 CMOS | 1/2.7 CMOS | 1/2.9 CMOS | 1/2.7 CMOS | 1/2.9 CMOS |
| Video Codec | | H.265 | H.265 | H.265 | H.265 | H.265 | H.265 |
| Max. Resolution | 16 : 9 | 2560 x 1440 | 1920 x 1080 | 2560 x 1440 | 1920 x 1080 | 2560 x 1440 | 1920 x 1080 |
| | 4 : 3 | — | 1600 x 1200 | — | 1600 x 1200 | — | 1600 x 1200 |
| Max. FPS @Max. Resolution | | 30fps (1080p) | 30fps (1080p) | 30fps (1080p) | 30fps (1080p) | 30fps (1080p) | 30fps (1080p) |
| Super Dynamic / WDR / BLC | | Yes [102dB] | Yes [120dB] | Yes [102dB] | Yes [120dB] | Yes [102dB] | Yes [120dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.3 lx @F2.0 | 0.1 lx @F2.0 | 0.3 lx @F2.0 | 0.1 lx @F2.0 | 0.3 lx @F2.0 | 0.1 lx @F2.0 |
| | Color (Sens up) | 0.019 lx (16x) | 0.006 lx (16x) | 0.019 lx (16x) | 0.006 lx (16x) | 0.019 lx (16x) | 0.006 lx (16x) |
| | B/W | 0 lx @F2.0 (w/IR) | 0 lx @F2.0 (w/IR) | 0 lx @F2.0 (w/IR) | 0 lx @F2.0 (w/IR) | 0 lx @F2.0 (w/IR) | 0.0 lx @F2.0 (w/IR) |
| | B/W (Sens up) | — | — | — | — | — | — |
| Lens | | f= 2.9 to 7.25 mm, F2.0 Motorized | f= 2.9 to 7.25 mm, F2.0 Motorized | f= 2.9 to 7.25 mm, F2.0 Motorized | f= 2.9 to 7.25 mm, F2.0 Motorized | f= 2.9 to 7.25 mm, F2.0 Motorized | f= 2.9 to 7.25 mm, F2.0 Motorized |
| Angular field of view | 16 : 9 | H: 43 to 100 deg. V: 24 to 56 deg. | H: 43 to 100 deg. V: 24 to 55 deg. | H: 44 to 102 deg. V: 25 to 57 deg. | H: 43 to 100 deg. V: 24 to 56 deg. | H: 44 to 103 deg. V: 25 to 57 deg. | H: 44 to 102 deg. V: 24 to 56 deg. |
| | 4 : 3 | — | H: 35 to 82 deg. V: 27 to 61 deg. | — | H: 36 to 83 deg. V: 27 to 62 deg. | — | H: 36 to 84 deg. V: 27 to 63 deg. |
| Optical Zoom | | 2.5x | 2.5x | 2.5x | 2.5x | 2.5x | 2.5x |
| Pan/Tilt Range | | — | — | — | — | — | — |
| Built-in IRLED | | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] |
| Image stabilization | | — | — | — | — | — | — |
| Intelligent Video | | — | — | — | — | — | — |
| VIQS | | Yes | Yes | Yes | Yes | Yes | Yes |
| Audio | In (Line) / Out | — | — | — | — | — | — |
| | In (Built-in MIC) | — | — | — | — | — | — |
| | Codec | — | — | — | — | — | — |
| SD memory Card | Slot | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) |
| External I/O | | — | — | — | — | — | — |
| Monitor Out | | — | — | — | — | — | — |
| Vandal Resistant | | IK10 | IK10 | — | — | IK10 | IK10 |
| Water and Dust Resistance | | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant | — | — | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant |
| Clearsight coating | | — | — | — | — | — | — |
| Temperature | | -22°F to +122°F | -22°F to +122°F | -14°F to +122°F | -14°F to +122°F | -22°F to +122°F | -22°F to +122°F |
| Power Source | | PoE | PoE | PoE | PoE | PoE | PoE |
| Other Functions | | Onvif G,T | Onvif G,T | Onvif G,T | Onvif G,T | Onvif G,T | Onvif G,T |

COMING SOON



| MODEL # | | WV-U1142 | WV-U1132 | WV-U2540L | WV-U2530L | WV-U2140L | WV-U2130L |
|---------------------------|-------------------|---------------------------------------|---------------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|
| CAMERA TYPE | | BOX | BOX | DOME | DOME | DOME | DOME |
| COMING SOON | | SPRING | SPRING | SUMMER | SUMMER | SUMMER | SUMMER |
| Resolution | | 4MP | 1080P | 4MP | 1080P | 4MP | 1080P |
| Environmental Type | | Indoor | Indoor | Outdoor | Outdoor | Indoor | Indoor |
| Sensor | | 1/2.7 CMOS | 1/2.9 CMOS | 1/2.7 CMOS | 1/2.9 CMOS | 1/2.7 CMOS | 1/2.9 CMOS |
| Video Codec | | H.265 | H.265 | H.265 | H.265 | H.265 | H.265 |
| Max. Resolution | 16 : 9 | 2560 x 1440 | 1920 x 1080 | 2560 x 1440 | 1920 x 1080 | 2560 x 1440 | 1920 x 1080 |
| | 4 : 3 | — | 1600 x 1200 | — | 1600 x 1200 | — | 1600 x 1200 |
| Max. FPS @Max. Resolution | | 30fps [1080p] | 30fps [1080p] | 30fps [1080p] | 30fps [1080p] | 30fps [1080p] | 30fps [1080p] |
| Super Dynamic / WDR / BLC | | Yes [102dB] | Yes [120dB] | Yes [102dB] | Yes [120dB] | Yes [102dB] | Yes [120dB] |
| Day/Night | | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) | Yes (ICR) |
| Min. Illumination | Color | 0.3 lx @F2.0 | 0.1 lx @F2.0 | 0.3 lx @F2.0 | 0.1 lx @F2.0 | 0.3 lx @F2.0 | 0.1 lx @F2.0 |
| | Color (Sens up) | 0.019 lx [16x] | 0.006 lx [16x] | 0.019 lx [16x] | 0.006 lx [16x] | 0.019 lx [16x] | 0.006 lx [16x] |
| | B/W | 0.12 lx @F2.0 [TBD] | 0.04 lx @F2.0 [TBD] | 0 lx @F2.0 (w/IR) | 0 lx @F2.0 (w/IR) | 0 lx @F2.0 (w/IR) | 0 lx @F2.0 (w/IR) |
| | B/W (Sens up) | — | — | — | — | — | — |
| Lens | | f= 2.9 to 7.25 mm, F2.0 Motorized | f= 2.9 to 7.25 mm, F2.0 Motorized | 3.16 mm | 3.16 mm | 3.16 mm | 3.16 mm |
| Angular field of view | 16 : 9 | H: 44 to 103 deg. V: 25 to 57 deg. | H: 44 to 102 deg. V: 24 to 56 deg. | H: 100 deg. V: 53 deg. [TBD] | H: 98 deg. V: 52 deg. [TBD] | H: 100 deg. V: 53 deg. [TBD] | H: 98 deg. V: 52 deg. [TBD] |
| | 4 : 3 | — | H: 36 to 84 deg. V: 27 to 63 deg. | — | [TBD] | — | [TBD] |
| Optical Zoom | | 2.5x | 2.5x | — | — | — | — |
| Pan/Tilt Range | | — | — | — | — | — | — |
| Built-in IRLED | | — | — | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] | Yes (15m / 50ft) [TBD] |
| Image stabilization | | — | — | — | — | — | — |
| Intelligent Video | | — | — | — | — | — | — |
| VIQS | | Yes | Yes | Yes | Yes | Yes | Yes |
| Audio | In (Line) | — | — | — | — | — | — |
| | In (Built-in MIC) | — | — | — | — | — | — |
| | Codec | — | — | — | — | — | — |
| SD memory Card | | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) | Yes (MicroSD) |
| External I/O | | — | — | — | — | — | — |
| Monitor Out | | — | — | — | — | — | — |
| Vandal Resistant | | — | — | IK10 | IK10 | — | — |
| Water and Dust Resistance | | — | — | IP66 / NEMA 4X compliant | IP66 / NEMA 4X compliant | — | — |
| Clearsight coating | | — | — | — | — | — | — |
| Temperature | | -14°F to +122°F | -14°F to +122°F | -22°F to +122°F | -22°F to +122°F | -14°F to +122°F | -14°F to +122°F |
| Power Source | | PoE | PoE | PoE | PoE | PoE | PoE |
| Other Functions | | Onvif G,T | Onvif G,T | Onvif G,T | Onvif G,T | Onvif G,T | Onvif G,T |

i-PRO NVRS



| MODEL # | WJ-NX400 | WJ-NX300 | WJ-NX200 | WJ-HXE400 |
|--------------------------|--|--|---|--|
| | NETWORK VIDEO RECORDERS | | | HDD Extension Unit |
| Video Compression | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG | H.265 / H.264 / JPEG |
| Camera Channel | Default / Max 64 ch / 128 ch | 16 ch / 32 ch | 9 ch / 16 ch | — |
| Video Throughput | Recording / Output 384 Mbps / 256 Mbps | 256 Mbps / 256 Mbps | 192 Mbps / 192 Mbps | — |
| Max HDD | 9 HDDs (Main Unit) 54 HDDs (with 5 x WJ-HXE400) | 4 HDDs (Main Unit) 22 HDDs (with 2 x WJ-HXE400) | 2 HDDs (Main Unit) | 9 HDDs |
| RAID | RAID 1, 5, 6 | RAID 1, 5, 6 [*2] | RAID 1 | RAID 1, 5, 6 |
| Monitor Output | 1 x BNC, 2 x HDMI (1x 4K, 1x Full HD) [*1] | 1 x BNC, 2 x HDMI (1x 4K, 1x Full HD) | 1 x BNC, 2 x HDMI (1x 4K, 1x Full HD) | — |
| Alarm Port | 32 inputs / 4 outputs | 9 inputs / 1 output | 9 inputs / 1 output | — |
| Simultaneous User Access | Max 16 users | Max 16 users | Max 16 users | — |
| Network Interface | 2 x 10BASE-T / 100BASE-TX / 1000BASE-T 1 x 10BASE-T / 100BASE-TX (for Maintenance) | 2 x 10BASE-T / 100BASE-TX / 1000BASE-T | 2 x 10BASE-T / 100BASE-TX / 1000BASE-T | — |
| Dimensions (inch) | (W) 16.94 x (H) 5.19 x (D) 16.25 | (W) 16.57 x (H) 4.44 x (D) 14.57 | (W) 16.57 x (H) 4.44 x (D) 11.82 | (W) 16.94 x (H) 5.19 x (D) 16.25 |
| Weight | 25.4 lbs. (no HDD) / 44.2 lbs. (9 HDDs) | 15.4 lbs. (no HDD) | 11.5 lbs. (no HDD) | 24.3 lbs. (no HDD) / 43.0 lbs. (9 HDDs) |
| Model Number | WJ-NX400/3000T3 3TB Model (1 x 3TB HDD) WJ-NX400/4000T4 4TB Model (1 x 4TB HDD) WJ-NX400/6000T6 6TB Model (1 x 6TB HDD) WJ-NX400/27000T3 27TB Model (9 x 3TB HDD) WJ-NX400/36000T4 36TB Model (9 x 4TB HDD) WJ-NX400/54000T6 54TB Model (9 x 6TB HDD) | WJ-NX300/4000T4 4TB Model (1 x 4TB HDD) WJ-NX300/6000T6 6TB Model (1 x 6TB HDD) | WJ-NX200/3000T3 3TB Model (1 x 3TB HDD) WJ-NX200/4000T4 4TB Model (1 x 4TB HDD) WJ-NX200/6000T3 6TB Model (2 x 3TB HDDs) WJ-NX200/6000T6 6TB Model (1 x 6TB HDD) WJ-NX200/8000T4 8TB Model (2 x 4TB HDD) WJ-NX200/12000T6 12TB Model (2 x 6TB HDD) | WJ-HXE400/3000T3 3TB Model (1 x 3TB HDD) WJ-HXE400/4000T4 4TB Model (1 x 4TB HDD) WJ-HXE400/6000T6 6TB Model (1 x 6TB HDD) WJ-HXE400/27000T3 27TB Model (9 x 3TB HDD) WJ-HXE400/36000T4 36TB Model (9 x 4TB HDD) WJ-HXE400/54000T6 54TB Model (9 x 6TB HDD) |

OPTIONAL ACCESSORIES

| | FOR WJ-NX400 | FOR WJ-NX300 | FOR WJ-NX200 | FOR WJ-HXE400 |
|--------------------|--|--|--------------------------------------|--|
| HDD | 6TB HDD CANISTER/6000 4TB HDD CANISTER/4000 3TB HDD CANISTER/3000 | 6TB HDD CANISTERNX300/T6 4TB HDD CANISTERNX300/T4 | — | 6TB HDD CANISTER/6000 4TB HDD CANISTER/4000 3TB HDD CANISTER/3000 |
| Rack Mount Kit | (Included) | Rack Mount Bracket WV-Q202 | Rack Mount Bracket WV-Q202 | (Included) |
| HDD Extension Unit | HDD Extension Unit WJ-HXE400 | HDD Extension Unit WJ-HXE400 | — | — |
| Additional License | Additional Camera CH Kit | WJ-NXE40W (32 camera license) | WJ-NXE30W (8 camera license) | WJ-NXE20W (7 camera license) |
| | Secure Communication Kit | WJ-NXS01W (1 camera) / WJ-NXS04W (4 cameras) / WJ-NXS16W (16 cameras) / WJ-NXS32W (32 cameras) | | |
| | RAID Kit | — | WJ-NXR30W [*2] | — |

[*1]: Monitor outputs can't be used when the number of camera license is more than 64 ch. [*2]: Additional RAID Kit WJ-NXR30W is necessary to activate RAID 1/5/6 features.

i-PRO SYSTEM PRODUCTS

VIDEO ENCODER



| MODEL # | WJ-GXE500 | WJ-GXE100 |
|---------------------|----------------------|---------------------|
| Video input | 4CH BNC (composite) | 1CH BNC (composite) |
| Video compression | H.264 / MPEG4 / JPEG | H.264 / JPEG |
| Camera Control | Coax/RS485 | RS485 |
| Optional Rack Mount | WV-Q204/2S | — |

COAXIAL-LAN CONVERTER



| MODEL # | WJ-PC200 | WJ-PR204 | WJ-PR201 |
|-----------------------------|------------------|-------------------|--------------------|
| | Camera Side Unit | 4CH Receiver | 1CH Receiver |
| Max. Distance w/ AC adaptor | PoE cam | 1,640 ft. (500 m) | |
| | non - PoE cam | 1,640 ft. (500 m) | 6,561 ft. (2.0 km) |
| Optional Rack Mount | — | BY-HCA10A | |



SYSTEM CONTROLLER

| MODEL # | WV-CU980 |
|---------|--|
| | <p>Integrated control for Camera, Recorder and GUI:</p> <ul style="list-style-type: none"> - 3-D Joystick for Pan/Tilt/Zoom control - Work with WV-ASM300, Video Insight VIM+ version 7.6 or later * WV-ASM200, WV-ASC970 is not supported |

MANAGEMENT SOFTWARE



| MODEL # | WV-ASM300W | |
|----------------------------|--|--|
| | <p>i-PRO Management software</p> <ul style="list-style-type: none"> - H.265/H.264/JPEG - Integrated camera control, recorder management - Up to 100 recorders, 64 encoders, 256 cameras can be registered. - Supports 16:9, 4:3 and 9:16 corridor format - Optional WV-CU950 system controller provides direct joystick control. | |
| Extension Software License | WV-ASE202W | Expand maximum numbers of multi screens from 16 to 64 |
| | WV-ASE203W | Expand maximum numbers of registration devices - 1 license : +100 recorder, +64 encoders, +256 cameras - up to 4 licenses registerable |
| | WV-ASE204W | Enable decoder registration. up to 10 decoders |
| | WV-ASE205W | Enable Visibility Enhancement function - Snowfall and Rainfall Noise Reduction - Multi-frame Synthesis Noise Reduction - Spatial Tonal Correction |
| | WV-ASE306W | Enable VI server control and management |

ANALOG DOME CAMERAS



| MODEL # | WV-CW634S | | WV-CF634 | | WV-CP630/WV-CP634 | | WV-CP310/WV-CP314 | |
|------------------------------|--|--------------|---|--------------|--|--|--|--|
| CAMERA TYPE | DOME | | DOME | | BOX | | BOX | |
| Environmental Type | Outdoor | | Indoor | | Indoor | | Indoor | |
| Sensor | 1/3 type interline transfer CCD | | 1/3 type interline transfer CCD | | 1/3 type interline transfer CCD | | 1/3 type interline transfer CCD | |
| Max. Resolution | Horizontal | 700 TV lines | 650 TV lines | 700 TV lines | 650 TV lines | | | |
| Super Dynamic/WDR/BLC | Super-D | | Super-D | | Super-D | | BLC | |
| Day/Night | Yes(ICR) | | Yes(ICR) | | Yes(ICR) | | Yes(ICR) | |
| Focus Adjustment | ABF | | ABF | | ABF | | Focus Assist | |
| Min. Illumination | Color | 0.08lx | 0.08lx | 0.08lx | 0.08lx | | | |
| | Color (Sens up) | 0.0024lx | 0.0025lx | 0.003lx | 0.0025lx | | | |
| | B/W | 0.08lx | 0.08lx | 0.008lx | 0.008lx | | | |
| | B/W (Sens up) | 0.00024lx | 0.0003lx | 0.0003lx | 0.00025lx | | | |
| Lens | f=3.8 to 8.0mm, F1.4 | | f=3.8 to 10mm, F1.4 | | optional | | optional | |
| Angular field of view | H:33.6°(Tele) to 74.9°(Wide) V:25.2°(Tele) to 55.7°(Wide) | | H:27.6°(Tele) to 100.8°(Wide) V:20.7°(Tele) to 73.8°(Wide) | | - | | - | |
| Optical Zoom/Digital Zoom | 2.1x/2x | | 3.6x/2x | | -/2x | | -/2x | |
| Pan/Tilt Range | ±170°, ±75° | | 180°to -170°, ±90° | | - | | - | |
| Built-in IR LED | - | | - | | - | | - | |
| VMD (Video Motion Detection) | Yes | | Yes | | Yes | | Yes | |
| Intelligent Video Analytics | Scene Change | | Scene Change | | Scene Change | | Scene Change | |
| External I/O | - | | - | | ALARM IN:1(OFF/ALARM/VMD PERMIT/BW) ALARM OUT:1(OFF/ALARM/BW) | | - | |
| Vandal Resistant | IEC 60068-2-75 Test Eh, 50J | | - | | - | | - | |
| Water and Dust Resistance | IP66 | | - | | - | | - | |
| Rain wash coating | - | | - | | - | | - | |
| Temperature | +14°F to +140°F -30°C to 60°C(With optional heater) | | +14°F to +122°F | | +14°F to +122°F | | +14°F to +122°F | |
| Power Source | 24 V AC or 12 V DC | | 24 V AC or 12 V DC | | WV-CP630: 120 V AC WV-CP634: 24 V AC or 12 V DC | | WV-CP310: 120 V AC WV-CP314: 24 V AC or 12 V DC | |

NEW NETWORK CAMERA MODEL NUMBER FORMAT

| W | V | - | S | 2 | 5 | 3 | 1 | | L | T | N |
|---|---|---|---|---|--|--|--|--|----------------|---|---------------|
| | | | Series | Form | Environment | Resolution | Grade | | Other Features | & | Minor Changes |
| | | | X : Hi-end S : Standard U : Low-end | 9 : - 8 : Multi-Sensor 7 : PTZ (Aero) 6 : PTZ (Dome) 5 : PT 4 : 360 deg. 3 : Compact Dome 2 : Dome 1 : Box 0 : - | 9 : - 8 : - 7 : - 6 : - 5 : Outdoor Vandal 4 : Outdoor Normal 3 : - 2 : Indoor Vandal 1 : Indoor Normal 0 : - | 9 : - 8 : 6K (24MP) 7 : 4K (12MP) 6 : - 5 : 5MP 4 : 4MP 3 : FHD 2 : - 1 : HD 0 :- | 9 : 8 : 7 : 6 : 5 : 4 : 3 : 2 : 1 : 0 : | | | A-D : Minor Change L : LED N : ClearSight M : M12 W : Wireless T : Long focal lens | |

VIDEO INSIGHT LICENSE BUNDLED WITH PANASONIC CAMERAS MANUFACTURED AFTER OCTOBER 2014

Panasonic is bundling a Video Insight software license with the purchase of Panasonic cameras manufactured after October 2014 to save security professionals valuable time and money.

ELIGIBLE PANASONIC CAMERAS

PTZ Dome

SW598/SW598A, SW397A/SW397B, SW396/396A, SW395/395A, SC588/SC588A, SC387/SC387A, SC386, SC385, SC384, S6131, S6111, S6130, S6530N, X6533LN, S6532LN, X6531N

Outdoor Vandal Fixed Dome

SFV781L, SFV631L/LT, SFV611L, SFV531, SW559, SW558, NW502S, SFV311, SFV310, SW355, SW352, SW158, SW155, SW155MA, SW152/152M, SW115, SFV110/M, SFV130/M, S2531LTN, S2531LN, 2511LN, S2550L, S3531L, S3532LM, S3511L, S3512LM, S2570L, U2542L, U2532L, U2540L, U2530L

Indoor Vandal Fixed Dome

SFR631L, SFR611L, SFR531, SF549, SF548, SFR311, SFR310, SF346, SF342, S2231LN, S2211LN, S2250L, S2270L

Indoor Fixed Dome

SFN631L, SFN611L, SFN531, SF539, SF538, SFN311L, SFN311, SFN310, SF336, SF335, SF332, SF138, SF135, SF132, SFN110, SFN130, S2131L, S2111L, S2110, S3131L, S3111L, U2142L, U2132L, U2140L, U2130L

Outdoor Box

SPV781L, SPW631L/LT, SPW611L, SPW611, SW316L, SW316, SW314, SPW531AL, SPW311AL, S1531LTN, S1531LN, S1511LN, S1550L, S1570L, U1532L

Indoor Box

SPN631, SPN611, SPN531, SP509, SP508, SPN311, SPN310, SP306, SP305, SP304V, SP302, SP105, SP102, S1111, S1311, U1132, U1130

360° Dome

SFV481, SFN480, SW458, SW458MA, SF448, SF438, X4571LM/X4571L, X4171, X4170, S4550LM/S4550L, S4150

PT Camera

SW175, SW174W, SW172, ST165, ST162, BL-VT164W, BL-VT164, BL-VP104W, BL-VP104, BL-VP101

Multi-Sensor

X8570N, S8530N

Encoder

GXE500, GXE100

How to tell if your Panasonic camera was manufactured after October 2014:

1. Find the serial number on your camera and/or carton box.
2. The first letter of the serial number code indicates the year of production, where M=2013, N=2014, O=2015.
3. The second letter indicates the month of production, where A=January, B=February, C=March, etc.

For example, October 2014 will be NJ*****.

For more information, visit:
security.us.panasonic.com

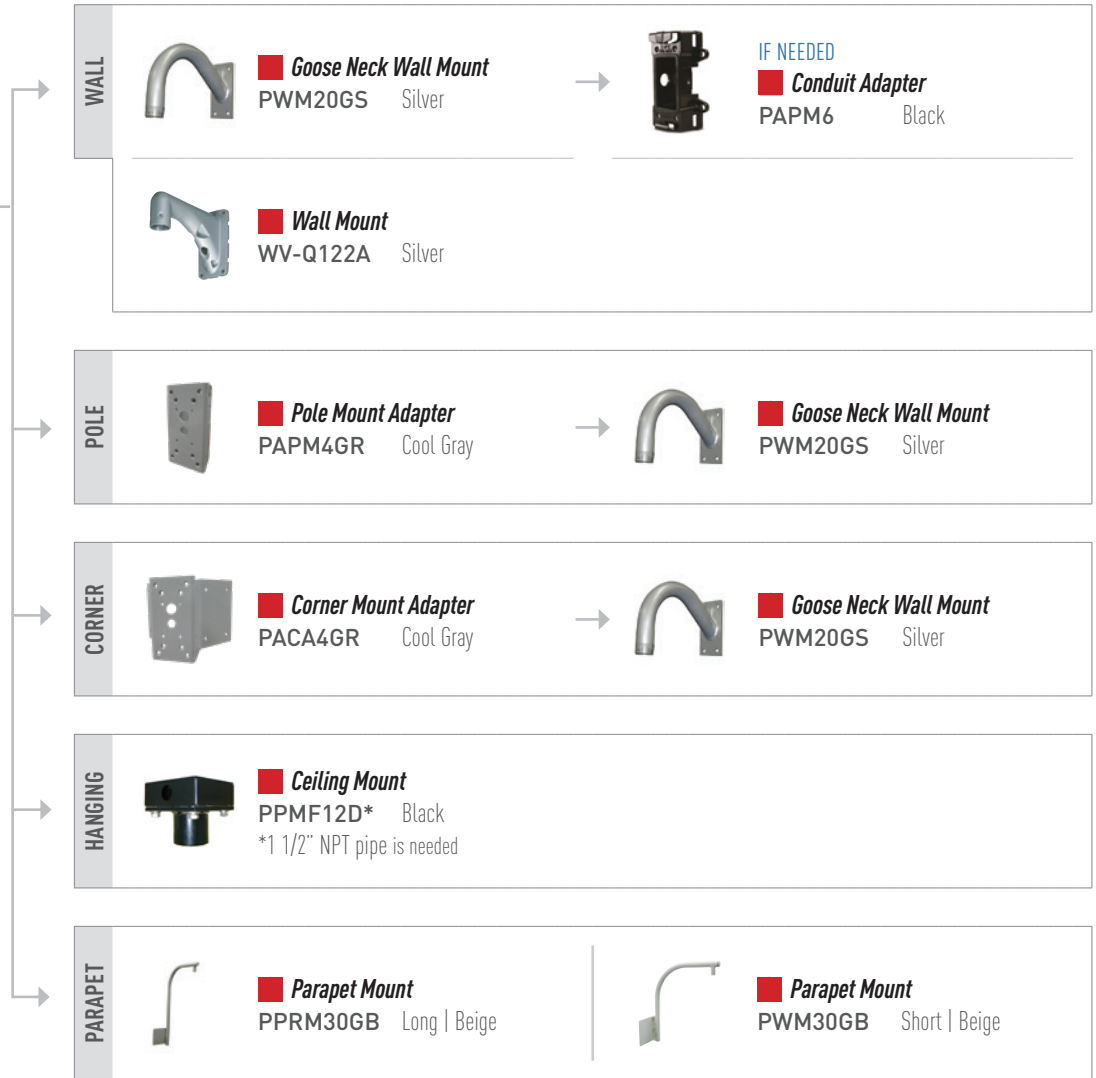
OUTDOOR PTZ CAMERAS



ENVIRONMENT: ■ INDOOR ■ OUTDOOR

I-PRO ACCESSORY CHART

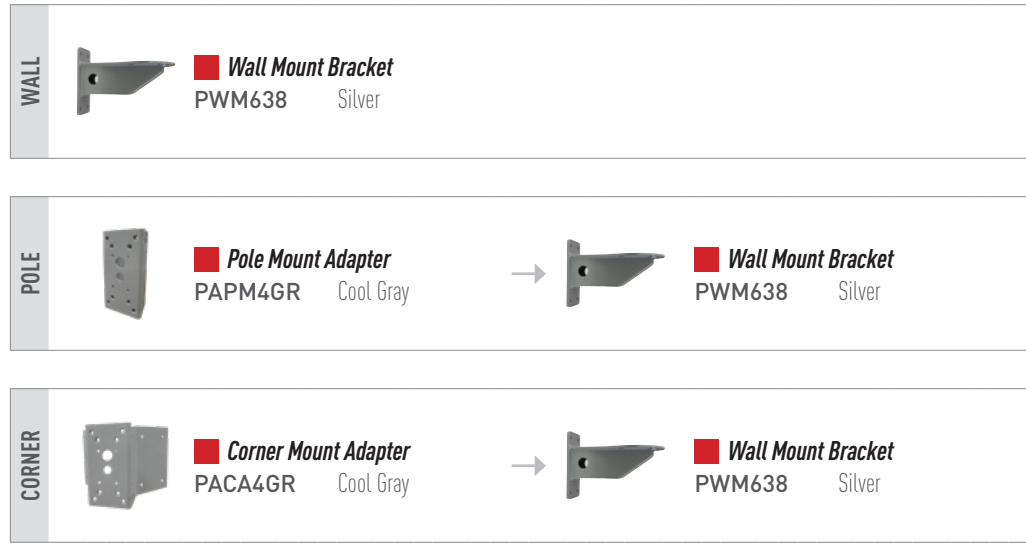
| | |
|-------------------|--|
| WV-X6533LN | 2MP - 40x Zoom w/ ClearSight and Long Distance IR (1,150 feet) |
| WV-S6532LN | 2MP - 22x Zoom w/ ClearSight and Long Distance IR (330 feet) |
| WV-X6531N | 2MP - 40x Zoom w/ ClearSight |
| WV-X6511N | 1.3MP - 40x Zoom w/ ClearSight |
| WV-S6530N | 1.3MP - 21x Zoom w/ ClearSight |



AERO PTZ CAMERA



ENVIRONMENT: ■ INDOOR ■ OUTDOOR



WV-SUD638 2MP - 30x Zoom

ACCESSORIES

| PICTURE | SKU DESCRIPTION | WV-SUD638 |
|---------|----------------------------|-----------|
| | WV-SUD6FRL1 IR LED Unit | ✓ |

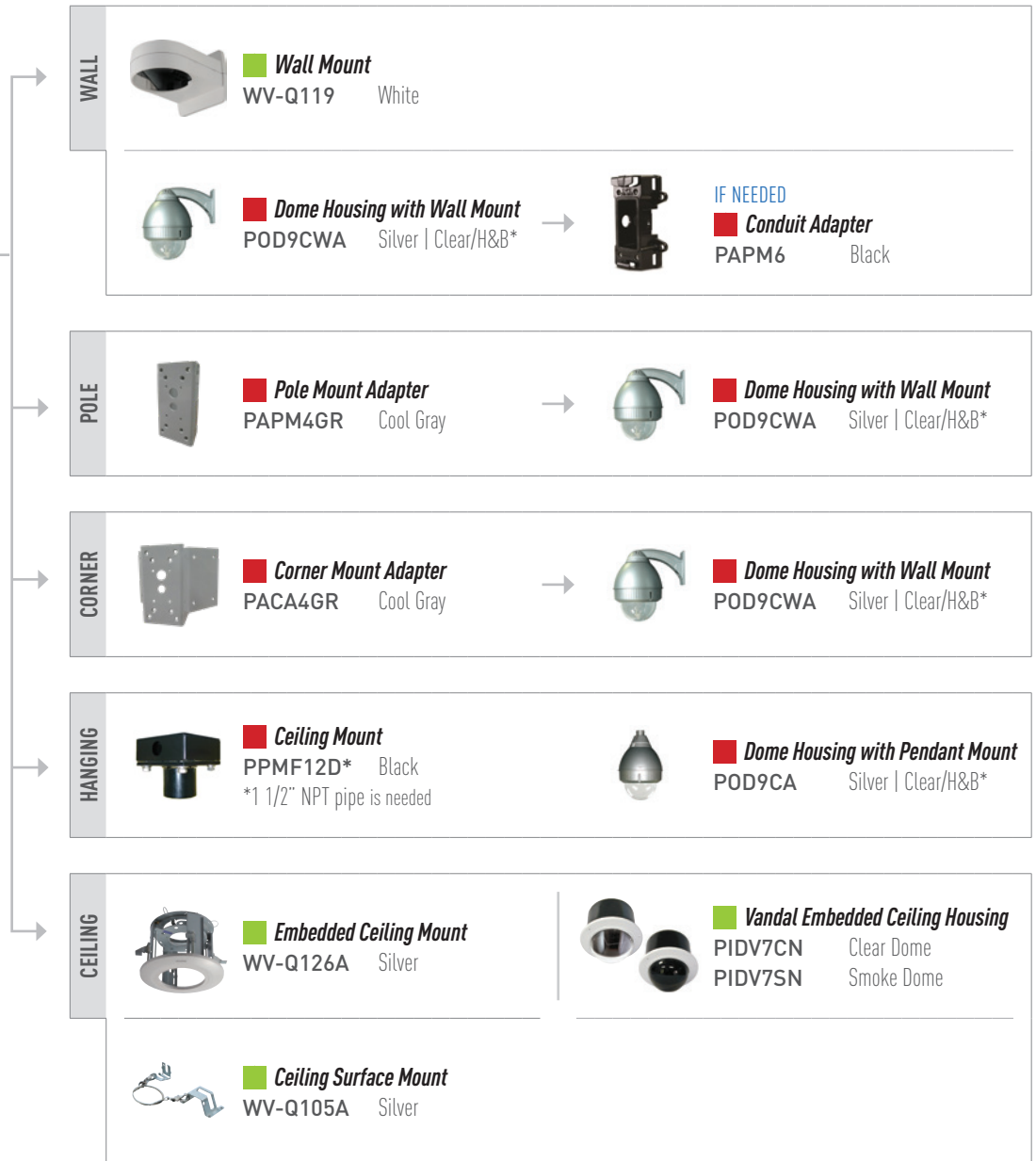
INDOOR PTZ CAMERAS



| | |
|-----------------|------------------|
| WV-S6131 | 2MP - 40x Zoom |
| WV-S6111 | 1.3MP - 40x Zoom |

| ACCESSORIES | | |
|-------------|------------------------------|----------------|
| PICTURE | SKU DESCRIPTION | S6131 S6111 |
| | WV-CS5C Clear Dome | ✓ |
| | WV-CS5S Smoke Dome | ✓ |

ENVIRONMENT: ■ INDOOR ■ OUTDOOR



*H&B: Heater & Blower


INDOOR PTZ CAMERA
















INDOOR

WV-S6130 2MP - 21x Zoom

ACCESSORIES

| SKU | DESCRIPTION | S6130 |
|---|------------------------------------|-------------------------------------|
|  | WV-Q161 Inner Dome Cover | <input checked="" type="checkbox"/> |

ENVIRONMENT: ■ INDOOR ■ OUTDOOR

| | | |
|----------------|---|---|
| WALL |  <p>Wall Mount Bracket WV-Q158C Clear Dome WV-Q158S Smoke Dome</p> | |
| |  <p>Dome Housing with Wall Mount POD9CWA Silver Clear/H&B*</p> | <p>IF NEEDED</p>  <p>Conduit Adapter PAPM6 Black</p> |
| POLE |  <p>Pole Mount Adapter PAPM4GR Cool Gray</p> |  <p>Dome Housing with Wall Mount POD9CWA Silver Clear/H&B*</p> |
| |  <p>Corner Mount Adapter PACA4GR Cool Gray</p> |  <p>Dome Housing with Wall Mount POD9CWA Silver Clear/H&B*</p> |
| HANGING |  <p>Ceiling Mount PPMF12D* Black *1 1/2" NPT pipe is needed</p> |  <p>Dome Housing with Pendant Mount POD9CA Silver Clear/H&B*</p> |
| |  <p>Embedded Ceiling Housing WV-Q159C Silver Clear Dome WV-Q159S Silver Smoke Dome</p> |  <p>Vandal Surface Mount Housing PISM5V White</p> |
| CEILING |  <p>Ceiling Surface Mount WV-Q105A Silver</p> |  <p>Surface Mount Housing WV-Q160C Silver Clear Dome WV-Q160S Silver Smoke Dome</p> |

*H&B: Heater & Blower














MULTI-SENSOR CAMERAS



WV-X8570N 33MP - (4K x 4)

WV-S8530N 8MP - (2MP x 4)

ENVIRONMENT: ■ INDOOR ■ OUTDOOR

| | | | | |
|---------------|---|---|---|--|
| WALL |  <p>■ Vandal Wall Mount Kit PWM850 Cool Gray</p> | → | <p>INCLUDED COMPONENTS PWM40 PS781</p> | <p>IF NEEDED PAPM6</p> |
| POLE |  <p>■ Pole Mount Adapter PAPM4GR Cool Gray</p> | → |  <p>■ Vandal Wall Mount Kit PWM850 Cool Gray</p> | |
| CORNER |  <p>■ Corner Mount Adapter PACA4GR Cool Gray</p> | → |  <p>■ Vandal Wall Mount Kit PWM850 Cool Gray</p> | |
| HANGING |  <p>■ Ceiling Mount PPMF12D* Black *1 1/2" NPT pipe is needed</p> | → |  <p>■ Shroud Bracket PS781 Cool Gray</p> | |
| PARAPET |  <p>■ Parapet Mount PPRM30GB Long Beige PWM30GB Short Beige</p> | → |  <p>■ Shroud Bracket PS781 Cool Gray</p> | |
| CEILING |  <p>■ Ceiling Surface Mount WV-Q105A Silver</p> | | | |
| PACKAGE ITEMS |  <p>PWM40</p> | |  <p>PS781</p> |  <p>■ Conduit Adapter PAPM6 Black</p> |

OUTDOOR DOME CAMERAS



| | |
|--------------------|----------------------------------|
| WV-S2570L | 4K - Clear Dome |
| WV-S2550L | 5MP - Clear Dome |
| WV-S2531LTN | 2MP - Clear Dome w/ ClearSight |
| WV-S2531LN | 2MP - Clear Dome w/ ClearSight |
| WV-S2511LN | 1.3MP - Clear Dome w/ ClearSight |

ACCESSORIES

| PICTURE | SKU DESCRIPTION | S2570L | S2550L | S2531LTN S2531LN S2511LN |
|---------|--|--------|--------|--------------------------------|
| | WV-CW7S Smoke Dome | ✓ | ✓ | ✓ |
| | WV-CW7SN Smoke Dome with ClearSight Coating | ✓ | ✓ | ✓ |
| | WV-CW7CN Clear Dome with ClearSightCoating | ✓ | ✓ | ✓ |

ENVIRONMENT: ■ INDOOR ■ OUTDOOR

| | | | | | |
|---------|---------|--|--|---|---|
| WALL | | Vandal Wall Mount Kit PWM485S Cool Gray INCLUDED COMPONENTS PWM40, PS485S | IF NEEDED PAPM6 | | Extended Sun Shade WV-Q7118 Beige |
| | POLE | | Pole Mount Adapter PAPM4GR Cool Gray | → | |
| CORNER | | | Corner Mount Adapter PACA4GR Cool Gray | → | |
| | HANGING | | Ceiling Mount WV-Q121B Silver | → | |
| CEILING | | | Ceiling Mount PPMF12D Black* *1 1/2" NPT pipe is needed | → | |
| | PARAPET | | Embedded Ceiling Mount WV-Q169A Silver PRCM1 White | → | |
| | | | Parapet Mount PPRM30GB Long Beige PWM30GB Short Beige | → | |

INDOOR DOME CAMERAS



ENVIRONMENT: ■ INDOOR ■ OUTDOOR

CEILING



■ **Ceiling Surface Mount**
WV-Q105A Silver



■ **Embedded Ceiling Mount**
WV-Q174B Silver



■ **Embedded Ceiling Mount**
PRCM1 White

| | |
|------------------|--------------------|
| WV-S2270L | 4K - Clear Dome |
| WV-S2250L | 5MP - Clear Dome |
| WV-S2231L | 2MP - Clear Dome |
| WV-S2131L | 2MP - Clear Dome |
| WV-S2211L | 1.3MP - Clear Dome |
| WV-S2111L | 1.3MP - Clear Dome |
| WV-S2110 | 1.3MP - Clear Dome |




ACCESSORIES

| PICTURE | SKU DESCRIPTION | S2270L | S2250L S2231L S2211L | S2131L S2111L S2110 |
|---------|-------------------------------|--------|----------------------------|---------------------------|
| | WV-CF5SA Smoke Dome | | | ✓ |
| | WV-CR1S Smoke Dome | ✓ | ✓ | |

OUTDOOR BOX CAMERAS




ENVIRONMENT: ■ INDOOR ■ OUTDOOR

| | |
|--------|---|
| |  <p>INCLUDED IN CAMERA BOX ■ Adapter Box WV-Q120A Silver</p> |
| POLE |  <p>■ Pole Mount Adapter PAPM4GR Cool Gray</p> |
| CORNER |  <p>■ Corner Mount Adapter PACA4GR Cool Gray</p> |

| | |
|--------------------|-------------------------------------|
| WV-S1570L | 4K - 4.3 to 8.6mm Motorized Lens |
| WV-S1550L | 5MP - 2.9 to 9mm Motorized Lens |
| WV-S1531LTN | 2MP - 9 to 21mm Motorized Lens |
| WV-S1531LN | 2MP - 2.8 to 10.0 mm Motorized Lens |
| WV-S1511LN | 1.3MP - 2.8 to 10mm Motorized Lens |

ACCESSORIES

| PICTURE | SKU DESCRIPTION | S1570L | S1550L | S1531LTN S1531LN S1511LN |
|---|--|--------|--------|--------------------------------|
|  | WV-CW8CN Front Cover with ClearSight Coating | ✓ | ✓ | ✓ |

INDOOR BOX CAMERAS

ENVIRONMENT: ■ INDOOR ■ OUTDOOR



WV-S1131 2MP - Lens not included

WV-S1111 1.3MP - Lens not included

ACCESSORIES

| SKU | DESCRIPTION | S1131 S1111 |
|---|---|----------------|
|  PLAMP0850A | Optional Lens 1/2.7 8.0-50.0mm @ F1.6 Auto Iris | ✓ |
|  PLAMP2808A | Optional Lens 1/2.7 2.8-8.0mm @ F1.2 Auto Iris | ✓ |
|  PLAMP0490 | Optional Lens 1/1.8 4.1-9.0mm @ F1.6 Auto Iris | ✓ |

360 DEGREE DOME CAMERAS

ENVIRONMENT: ■ INDOOR ■ OUTDOOR

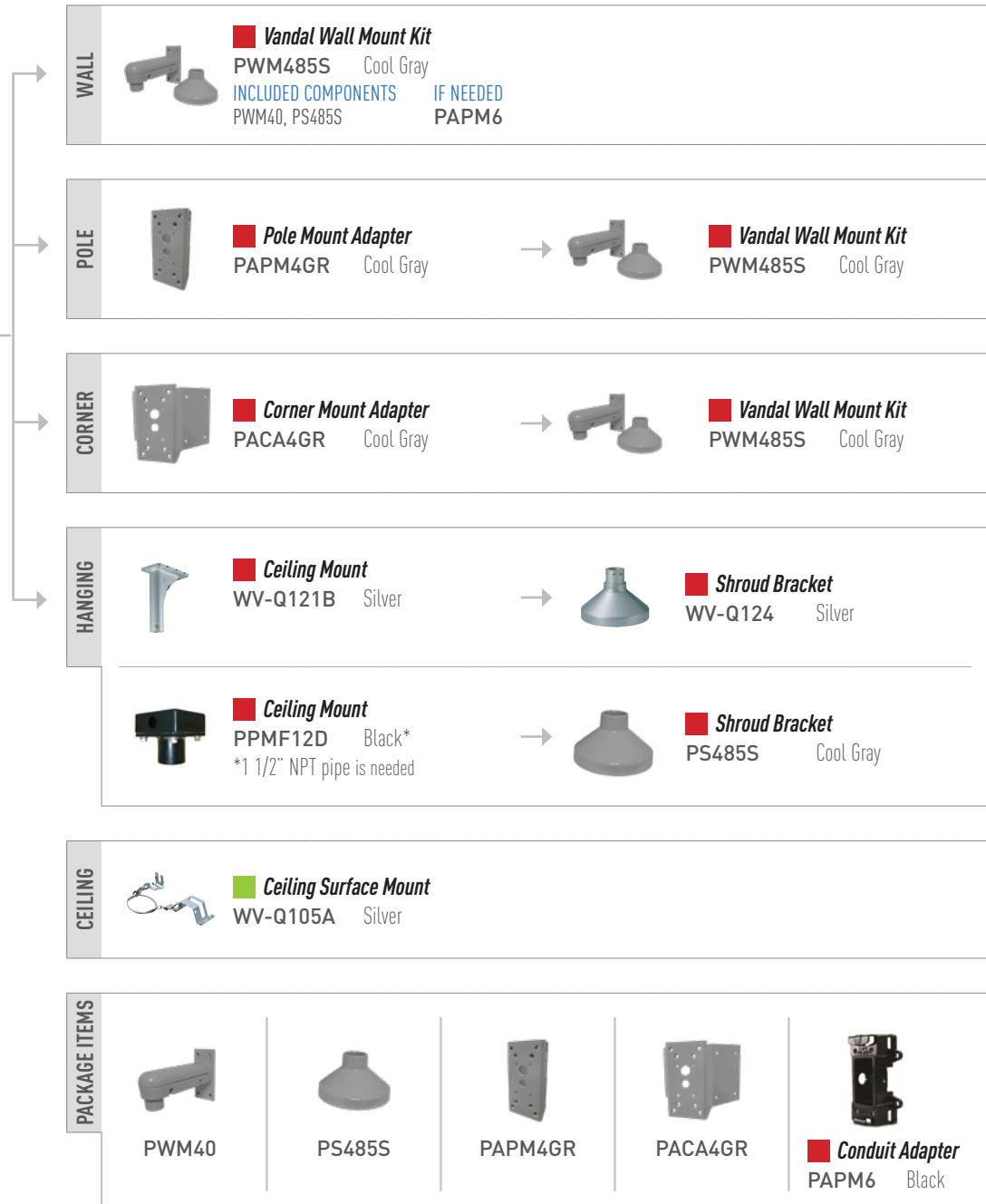


OUTDOOR

| | |
|-------------------|---------------------------|
| WV-X4571LM | 9MP - M12 (Transit Model) |
| WV-X4571L | 9MP |
| WV-S4550LM | 5MP - M12 (Transit Model) |
| WV-S4550L | 5MP |

INDOOR

| | |
|-----------------|-----|
| WV-X4171 | 9MP |
| WV-X4170 | 9MP |
| WV-S4150 | 5MP |



OUTDOOR ANALOG DOME CAMERAS



WV-CW634S - w/ Mount Bracket Clear Dome

| ACCESSORIES | | |
|-------------|---|--------|
| PICTURE | SKU DESCRIPTION | CW634S |
| | WV-CW4SA Smoke Dome | ✓ |
| | WV-CW5HA Optional Heater | ✓ |
| | PLA22T3DN Optional Lens 1/3" 2.2mm @ F1.2 Auto Iris | ✓ |
| | PLZ29/27 Optional Lens 1/3" 2.9-8.0mm @ F0.95 Auto Iris | ✓ |
| | PLZ15/33 Optional Lens 1/3" 15.0-50.0mm @ F1.6 Auto Iris | ✓ |

ENVIRONMENT: ■ INDOOR ■ OUTDOOR

| | | |
|---|---|---|
| WALL | <p>Vandal Wall Mount Kit PWM485S Cool Gray INCLUDED COMPONENTS IF NEEDED PWM40, PS485S PAMP6</p> | <p>Extended Sun Shade WV-Q7118 Beige</p> |
| | <p>Pole Mount Adapter PAMP4GR Cool Gray</p> | <p>Vandal Wall Mount Kit PWM485S Cool Gray</p> |
| CORNER | <p>Corner Mount Adapter PACA4GR Cool Gray</p> | <p>Vandal Wall Mount Kit PWM485S Cool Gray</p> |
| | HANGING | <p>Ceiling Mount WV-Q121B Silver</p> |
| <p>Ceiling Mount PPMF12D Black* *1 1/2" NPT pipe is needed</p> | | <p>Shroud Bracket PS485S Cool Gray</p> |
| CEILING | <p>Embedded Ceiling Mount WV-Q169A Silver PRCM1 White</p> | <p>Ceiling Surface Mount WV-Q105A Silver</p> |
| | PARAPET | <p>Parapet Mount PPRM30GB Long Beige PWM30GB Short Beige</p> |







INDOOR ANALOG DOME CAMERAS

WV-CF634

Clear Dome







ENVIRONMENT: ■ INDOOR ■ OUTDOOR

| CEILING |  Ceiling Surface Mount WV-Q105A Silver |  Embedded Ceiling Mount PRCM1 White |
|---------|---|--|
| |  Embedded Ceiling Mount WV-Q174B Silver |  Pendant Mount Housing PPMS1B Beige |



INDOOR ANALOG BOX CAMERAS







ACCESSORIES

| SKU | DESCRIPTION | CP630/634 CP310/314 |
|---|---|------------------------|
|  | PLA22T3DN Optional Lens 1/3" 2.2mm @ F1.2 Auto Iris | ✓ |
|  | PLZ27/5DN Optional Lens 1/3" 2.7-13.5mm @ F1.3 Auto Iris | ✓ |
|  | PLZ29/27 Optional Lens 1/3" 2.9-8.0mm @ F0.95 Auto Iris | ✓ |
|  | PLZ5/10 Optional Lens 1/3" 5.0-50.0mm @ F1.6 Auto Iris | ✓ |
|  | PLZ15/33 Optional Lens 1/3" 15.0-50.0mm @ F1.5 Auto Iris | ✓ |
|  | PLZ20/5 Optional Lens 1/3" 20.0-100.0mm @ F1.6 Auto Iris | ✓ |

WV-CP630/634 w/ Auto Back Focus, Lens not included

WV-CP310/314 Lens not included

ENVIRONMENT: ■ INDOOR ■ OUTDOOR

| WALL/CEILING |  Wall Mount (Wall/Ceiling) PUM8 White |  Vandal Housing (Only Wall) POH1100HB Cool Gray |
|--------------|--|--|
| POLE |  Pole Mount Adapter PAPM4GR Cool Gray |  Vandal Housing POH1100HB Cool Gray |
| CORNER |  Vandal Corner Mount Kit PACA4GR Cool Gray |  Vandal Housing POH1100HB Cool Gray |

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ADVIDIA PRODUCTS

IP Solutions
for all application needs



ADVIDIA NETWORK CAMERAS

The Advidia line of IP network video surveillance cameras provides a wide range of affordable IP camera models that are perfect for video surveillance projects of any size. Each Advidia camera comes bundled with a free copy of Video Insight Enterprise Video Management Software, a 4-year warranty, and FREE software updates for the life of the camera.



Dome Cameras

IP Dome Cameras for Video Surveillance and Security



PTZ Cameras

The Advidia PTZ network camera delivers unparalleled image quality, versatility, and 20x optical zoom control.



360° Dome Cameras

360° Dome cameras are ideal for surveillance applications that require wide area coverage in a single view. This type of cameras can be used to improve area management as well as detect activities in a large area.



Bullet Cameras

Bullet cameras are a cost-effective video surveillance solution. Perfect for indoor and outdoor applications. Bullet Cameras deliver crisp, clear images.

ADVIDIA DOME CAMERAS



| MODEL # | | A-17-F | A-27-F | A-T-27-V | A-37-F |
|------------------------------------|-------------------------|---|--|----------------------------|---|
| Resolution | | 1.3MP | 2MP | 2MP | 3MP |
| Environmental Type | | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor |
| Sensor | | 1/3 CMOS | 1/2.8 CMOS | 1/3 CMOS | 1/3 CMOS |
| Video Codec | | H.264 / MJPEG / H.264+ | H.265 / MJPEG / H.264 | TVI | H.264 / MJPEG / H.264+ |
| Max. Resolution | | 1280 x 960 | 1920 x 1080 | 1920 x 1080 | 2304 x 1296 |
| Max. FPS @ Max. Resolution | H.265 / H.264 / JPEG | 30fps @ 60Hz, (1280 x 960) | 30fps @ 60Hz (1920 x 1080) | 30fps @ 60Hz (1920 x 1080) | 20fps @ 60Hz (2304 x 1296) |
| True WDR | | True WDR @ 120 dB | True WDR @ 120 dB | True WDR @ 120dB | True WDR @ 120 dB |
| Day/Night ICR / IR | | Yes | Yes ICR | Yes | Yes ICR |
| ABF (Auto Back Focus) / Auto Focus | | - | - | Remote Focus | - |
| Min. Illumination | Color | 0.01 Lx | 0.005 Lx | .005 Lx | 0.01 Lx |
| | B/W | 0.00 Lx with IR | 0.000 Lx with IR | 0 Lux with IR | 0.00 Lx with IR |
| Lens | | f= 3.6 mm, F2.0 | f= 2.8 mm, F1.6 | 2.8mm to 12mm | f= 3.6 mm, F2.0 |
| Horizontal field of view | 16: 9 | 80 deg. | 108 deg. | 32.1° to 103° | 90 deg. |
| Adjusting Angle | Pan | 0 to +355 deg | 0 to +355 deg | 0° to 340° | 0 to +355 deg |
| | Tilt | 0 to +75 deg | 0 to +75 deg | 0° to 75° | 0 to +75 deg |
| Optical Zoom | | - | - | - | - |
| Digital Zoom | | 4x | 4x | - | 4x |
| Built-in IR LED | | Yes (30 m) | Yes (30 m) | EXIR (40m) | Yes (30 m) |
| Image Stabilizer | | - | - | No | - |
| Corridor Mode | | - | - | No | - |
| VMD (Video Motion Detection) | | Yes | Yes (2) | see V2 Encoder | Yes |
| Analytics | | Intrusion, Line cross | Intrusion, Line cross | No | Intrusion, Line cross |
| Max. Connection | | - | - | - | - |
| Audio | In (Line) / Out | No / No | No / No | No | No / No |
| | In (Built-in MIC) | - | - | No | - |
| | Codec | - | - | see V2 Encoder | - |
| SD memory Card | Slot | Yes (SDXC) (256GB) | Yes (SDXC) (256GB) | No | Yes (SDXC) (256GB) |
| External I/O | | No | No | No | No |
| Monitor Out | | - | - | No | - |
| Vandal Resistant | | IK10 | IK10 | IK10 | IK10 |
| Water and Dust Resistance | | IP67 | IP67 | IP67 | IP67 |
| Temperature | | -22°F to 140°F | -22°F to 140°F | -40°F to 140°F | -22°F to 140°F |
| Power Source | | 12 V DC / PoE | 12 V DC / PoE | 12 V DC, 24VDC | 12 V DC / PoE |
| Other Functions | | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR, BLC | - | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR |

ADVIDIA DOME CAMERAS



| MODEL # | | A-37-FW | A-47-F | A-47-F2.8 | A-87-V | B-27-V |
|------------------------------------|-------------------------|---|--|--|--|--|
| Resolution | | 3MP | 4MP | 4MP | 8MP [4K] | 2MP |
| Environmental Type | | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor |
| Sensor | | 1/3 CMOS | 1/3 CMOS | 1/3 CMOS | 1/2.5 CMOS | 1/2.9 CMOS |
| Video Codec | | H.264 / MJPEG / H.264+ | H.264 / MJPEG / H.264+ | H.264 / MJPEG / H.264+ | H.265 / H.264 | H.265 / H.264 / MJPEG |
| Max. Resolution | | 2304 x 1296 | 2688 x 1520 | 2688 x 1520 | 3840 x 2160 | 1920 x 1080 |
| Max. FPS @ Max. Resolution | H.265 / H.264 / JPEG | 20fps @ 60Hz (2304 x 1296) | 20fps @ 60Hz (2688 x 1520) | 20fps @ 60Hz (2688 x 1520) | 15fps @ 60Hz (3840 x 2160) | 30 fps at (1920 x 1080) |
| True WDR | | True WDR @ 120 dB | True WDR @ 120 dB | True WDR @ 120 dB | True WDR @ 120dB | True WDR @ 120 dB |
| Day/Night ICR / IR | | Yes ICR | Yes ICR | Yes ICR | Yes | Yes (IR) |
| ABF (Auto Back Focus) / Auto Focus | | - | - | - | Remote Focus | Auto Focus |
| Min. Illumination | Color | 0.01 Lx | 0.01 Lx | 0.01 Lx | 0.01 Lx | 0.02 Lx @ F1.4 |
| | B/W | 0.00 Lx with IR | 0.00 Lx with IR | 0.00 Lx with IR | 0 Lux with IR | 0.00 Lx with IR |
| Lens | | f= 2.8 mm, F2.0 | f= 4.0 mm, F2.0 | f= 2.8 mm, F2.0 | 2.8mm to 12mm | f= 2.7 to 12.0 mm |
| Horizontal field of view | 16:9 | 106 deg. | 83 deg. | 106 deg. | 105° to 34.5° | 102 to 32deg. |
| Adjusting Angle | Pan | 0 to +355 deg | -30 to +30 deg | -30 to +30 deg | 0° to 355 | 0 to -360 deg |
| | Tilt | 0 to +75 deg | 0 to +75 deg | 0 to +75 deg | 0° to 75 | 15 to -90 deg |
| Optical Zoom | | - | - | - | - | 4.4 X |
| Digital Zoom | | 4x | 4x | 4x | - | 16X |
| Built-in IR LED | | Yes (30 m) | Yes (30 m) | Yes (30 m) | EXIR (30m) | Yes (30m) |
| Image Stabilizer | | - | - | - | No | No |
| Corridor Mode | | - | - | - | No | - |
| VMD (Video Motion Detection) | | Yes | Yes | Yes | Yes | Yes (8) |
| Analytics | | Intrusion, Line cross | Intrusion, Line cross | Intrusion, Line cross | Intrusion, Line cross, Face detection | Tamper Detection |
| Max. Connection | | - | - | - | - | - |
| Audio | In (Line) / Out | No / No | No / Yes | No / No | Yes / Yes (Terminal Block) | No/ No |
| | In (Built-in MIC) | - | Yes | Yes | No | Yes |
| | Codec | - | G.711 / G.722.1 / G.726 / MP2L2 | G.711 / G.722.1 / G.726 / MP2L2 | G.711/G.722.1/G.726/MP2L2/PCM | G.711 |
| SD memory Card | Slot | Yes (SDXC) [256GB] | Yes (SDXC) [256GB] | Yes (SDXC) [256GB] | Yes (SD/SDHC/SDXC) [128GB] | Yes (MicroSD) [128GB] |
| External I/O | | No | Yes (1in / 1out) | - | Yes (1in / 1out) | No |
| Monitor Out | | - | - | - | Yes (1Vp-p composite output) | - |
| Vandal Resistant | | IK10 | IK08 | IK08 | IK10 | -U36 |
| Water and Dust Resistance | | IP67 | IP67 | IP67 | IP67 | IP67 |
| Temperature | | -22°F to 140°F | -22°F to 140°F | -22°F to 140°F | -22°F to 140°F | -40°F to 140°F |
| Power Source | | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE | 12 V DC, 24 V AC / PoE | 12 V DC, 12V AC / PoE |
| Other Functions | | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR, BLC | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR, BLC | Tampering alarm, Network disconnect, IP address conflict, Storage exception BLC, 3D DNR, Defog, OLB, Audio detection, Scene change detection | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control |

ADVIDIA DOME CAMERAS



| MODEL # | | B-51 | B-57-V | E-37-FSW | E-37-V | E-47-V |
|------------------------------------|-------------------------|--|--|---|----------------------------|---------------------------------------|
| Resolution | | 5MP | 5MP | 3MP | 3MP | 4MP |
| Environmental Type | | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor |
| Sensor | | 1/3.2 CMOS | 1/2.9 CMOS | 1/2.8 CMOS | 1/3 CMOS | 1/3 CMOS |
| Video Codec | | H.264 / MJPEG | H.265 / H.264/ MJPEG | H.265 / H.264 | H.264 / MJPEG | H.265 / H.264 |
| Max. Resolution | | 2592 x 1944 | 2592 x 1944 | 2048 x 1536 | 2304 x 1536 | 2688 x 1520 |
| Max. FPS @ Max. Resolution | H.265 / H.264 / JPEG | 15fps @ 60Hz (2592 x 1944) | 30 fps at (2592 x 1944) | 30fps @ 60Hz (2048 x 1536) | 20fps @ 60Hz (2304 x 1536) | 30fps @ 60Hz (2688 x 1520) |
| True WDR | | Digital WDR | True WDR @ 120 dB | True WDR @ 120 dB | Digital WDR | True WDR @ 120 dB |
| Day/Night ICR / IR | | Yes (IR) | Yes (IR) | No | Yes (ICR) | Yes |
| ABF (Auto Back Focus) / Auto Focus | | Auto Focus | Auto Focus | Fixed | Auto Focus | Auto Focus |
| Min. Illumination | Color | 0.1 Lx @ F 1.2 | 0.05 Lx @ F1.4 | 0.03 Lx @ F2.0 | 0.1 Lx @ F 1.4 | .03 Lx @ F 1.4 |
| | B/W | 0.00 with IR | 0.00 Lx with IR | 0.01 Lx @ F2.0 | 0.00 Lx with IR | 0 Lx with IR |
| Lens | | f= 3 to 9mm F1.2 to F2.1 | f= 2.8 to 12.0 mm | f= 1.85 mm, F2.0 | f= 2.7 to 12.0 mm | 2.7mm to 13.5mm |
| Horizontal field of view | 16: 9 | 85.7 to 30.5 deg. | 71 to 25deg. | 151 deg. | 92 to 28 deg. | 31° to 106° |
| Adjusting Angle | Pan | -175 to +175 deg | ±135deg | 0 to +355 deg | - | 0 to +355 deg |
| | Tilt | 5 to +170 deg. | 0 to -90 deg | 0 to +65 deg | - | 0 to +65 deg |
| Optical Zoom | | 3X | 4.3 X | - | - | - |
| Digital Zoom | | 4X | 16X | 16X | 4X | 16X |
| Built-in IR LED | | Yes (40m) | Yes (30m) | No | Yes (30m) | Yes (50m) |
| Image Stabilizer | | - | Yes (Digital) | Yes (EIS) | - | - |
| Corridor Mode | | - | - | - | - | Yes |
| VMD (Video Motion Detection) | | Yes (3) | Yes (4) | Yes (4) | Yes | Yes (4) |
| Analytics | | - | Tamper Detection | Face Detection, Tamper, Scene Change | - | Tripwire, Intrusion, Object Abandoned |
| Max. Connection | | - | - | 20 | - | 20 |
| Audio | In (Line) / Out | Yes / Yes | Yes / Yes | Yes / Yes | - | Yes / Yes |
| | In (Built-in MIC) | - | No | Yes | - | - |
| | Codec | G.711 | G.711 | G.711a / G.711Mu / AAC / G.726 | - | G.711a / G.711Mu / AAC / G.726 |
| SD memory Card | Slot | Yes (SDXC) | Yes (MicroSD) (128GB) | Yes (SDXC) (128GB) | Yes (SDXC) (128GB) | Yes (SDXC) (128GB) |
| External I/O | | Yes (1in / 1out) | Yes (1in / 1out) | Yes (1in / 1out) | - | Yes (1in / 1out) |
| Monitor Out | | - | - | Yes | Yes | Yes |
| Vandal Resistant | | IK10 | IK10 | IK10 | IK10 | IK10 |
| Water and Dust Resistance | | IP67, NEMA 4 | IP66 | IP67 | IP67 | IP67 |
| Temperature | | -40°F to 122°F | -40°F to 122°F | -22°F to 140°F | -22°F to 140°F | -22°F to 140°F |
| Power Source | | 12 V DC / PoE | 12 V DC, 12V AC / PoE | 12 V DC, 12V AC / PoE | 12 V DC / PoE | 12 V DC, 12V AC / PoE |
| Other Functions | | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control | BLC, 3D DNR, HLC, Auto ICR, Edge Dewarp | - | BLC, HLC, 3D DNR |

ADVIDIA PTZ DOME CAMERAS



| MODEL # | | A-200-P | A-300 | B-200-PTZ | B-210 |
|------------------------------------|-------------------------|---|---|---|---|
| Resolution | | 2MP | 2MP | 2MP | 2MP |
| Environmental Type | | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor |
| Sensor | | 1/2.8 CMOS | 1/2.8 CMOS | 1/2.8 CMOS | 1/2.8 CMOS |
| Video Codec | | H.264 / MPEG4 / MJPEG | H.265 / H.264 / MJPEG | H.264 / MJPEG | H.264 / MJPEG |
| Max. Resolution | | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 |
| Max. FPS @ Max. Resolution | H.265 / H.264 / JPEG | 30fps @ 60Hz (1920 x 1080) | 30fps @ 60Hz (1920 x 1080) | 60fps @ 60Hz (1920 x 1080) | 30fps @ 60Hz (1920 x 1080) |
| True WDR | | Digital WDR | Digital WDR | True WDR @145dB | Digital WDR |
| Day/Night ICR / IR | | Yes (ICR) | Yes (ICR) | No | Yes (ICR) |
| ABF (Auto Back Focus) / Auto Focus | | Auto Focus | Auto Focus | Auto Focus | Auto Focus |
| Min. Illumination | Color | 0.3 Lx @ F 1.6 | 0.05 Lx @ F 1.6 | 0.1 Lx @ F 1.6 | 0.1 Lx @ F 1.8 |
| | B/W | 0.02 Lx @ F 1.6 | 0.00 with IR | 0.5 Lx @ F1.6 | 0.05 Lx @ F1.8 |
| Lens | | f= 4.7 to 94 mm, F 1.4 to F 3.5 | f= 4.3 to 129.0 mm, F 1.6 to F 3.5 | f= 4.7- 94mm@F1.6-3.5 | f= 4.9 to 49.0 mm |
| Horizontal field of view | 16: 9 | 58.3 to 3.2 deg. | 58.3 to 3.2 deg. | 62 to 2.8 deg. | 57.8 to 6.9 deg. |
| Adjusting Angle | Pan | 360 deg. Endless | 360 deg. Endless | 0 to -360 deg | -175 to +175 deg |
| | Tilt | -5 to +90 deg. Auto flip | -15 to +90 deg. Auto flip | -22 to -200 deg | 0 to +180 deg. E Flip |
| Optical Zoom | | 20X | 30X | 20 X | 10 X |
| Digital Zoom | | 16X | 16X | 16X | 4X |
| Built-in IR LED | | - | Yes (150m) | No | - |
| Image Stabilizer | | - | - | - | - |
| Corridor Mode | | - | - | - | - |
| VMD (Video Motion Detection) | | Yes | Yes | Yes | Yes (3) |
| Analytics | | Auto object tracking, Line cross, Face, Audio | Auto object tracking, Line cross, Face, Audio | Face Detection, Tampering, Shock Detection, PTZ Auto Tracking, Line Crossing, Enter Area, Missing Object, Unattended, Object, Loitering | - |
| Max. Connection | | 32 | 32 | - | - |
| Audio | In (Line) / Out | Yes / Yes | Yes / Yes | Yes / Yes (3.5mm) | Yes / Yes |
| | In (Built-in MIC) | - | - | No | No |
| | Codec | G.711 / G.722.1 / G.726 / MP2L2 | G.711 / G.722.1 / G.726 / MP2L2 | G.711 | G.711 |
| SD memory Card | Slot | Yes (SDXC) (128GB) | Yes (SDXC) (128GB) | Micro SDHC, Micro SDXC (128GB Max) | Yes (SDXC) |
| External I/O | | Yes (7in / 2out) | Yes (7in / 2out) | Yes (1in / 1out) | Yes (1in / 1out) |
| Monitor Out | | Yes (mini jack) | Yes (mini jack) | - | - |
| Vandal Resistant | | IK10 | IK10 | IK09 | IK10 |
| Water and Dust Resistance | | IP66 | IP66 | IP67 | IP67, NEMA 4 |
| Temperature | | -22°F to 149°F | -22°F to 149°F | -61.6°F - 140 °F / [-40°F - 140°F with High PoE] | -4°F to 122°F |
| Power Source | | 24 V AC / High P. PoE (Included) | 24 V AC / High P. PoE (Included) | PoE: 29.4W, 68W AC PoE, AC: 68W, | 12 V DC / PoE |
| Other Functions | | Tampering alarm, Network disconnect, IP address conflict, Storage exception BLC, 3D DNR, Defog, HLC, 8 Patrol zones, Region entrance and exit triggers. | Tampering alarm, Network disconnect, IP address conflict, Storage exception BLC, 3D DNR, Defog, HLC, 8 Patrol zones, Region entrance and exit triggers. | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control, White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control, White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless |

360 DEGREE DOME CAMERAS



| MODEL # | | B-5360 | A-427-V |
|------------------------------------|-------------------------|--|--|
| Resolution | | 5MP | 4x2MP |
| Environmental Type | | Indoor Outdoor | Indoor Outdoor |
| Sensor | | 1/3.2 CMOS | 1/2.7 CMOS x 4 |
| Video Codec | | H.264 / MJPEG | H.265 / MJPEG / H.264 |
| Max. Resolution | | 2592 x 1944 | 1920 x 1080 x 4 |
| Max. FPS @ Max. Resolution | H.265 / H.264 / JPEG | 15fps @ 60Hz (2592 x 1944) | 30fps @ 60Hz (1920 x 1080) x 4 |
| True WDR | | Digital WDR | True WDR @ 120 dB |
| Day/Night ICR / IR | | - | - |
| ABF (Auto Back Focus) / Auto Focus | | - | Auto Focus each lens |
| Min. Illumination | Color | 0.1 Lx @ F 2.0 | 0.006 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.6, AGC ON) |
| | B/W | 0.1 Lx @ F 2.0 | 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON) |
| Lens | | f=1.185 mm, F2.0 | f= 3.0 to 9 mm each lens |
| Horizontal field of view | 16: 9 | 189.7 deg. or 360 deg. | 35 to 100 deg. each lens |
| Adjusting Angle | Pan | - | 0 to +355 deg |
| | Tilt | - | 0 to +135 deg |
| Optical Zoom | | - | - |
| Digital Zoom | | 10X | 16X |
| Built-in IR LED | | - | - |
| Image Stabilizer | | - | - |
| Corridor Mode | | - | Yes |
| VMD (Video Motion Detection) | | Yes (4) | Yes (4) each lens |
| Analytics | | - | Intrusion, Line cross, Face, Crowd Audio, wander /detection |
| Max. Connection | | - | - |
| Audio | In (Line) / Out | Yes / Yes (3.5 mm) | Yes / Yes |
| | In (Built-in MIC) | - | Yes |
| | Codec | G.711 | G.711 / G.722.1 / G.726 / MP2L2 / PCM |
| SD memory Card | Slot | Yes (SDXC) | Yes (SDXC) (128GB) |
| External I/O | | - | Yes (1in / 1out) |
| Monitor Out | | - | - |
| Vandal Resistant | | IK10 | IK10 |
| Water and Dust Resistance | | IP68, NEMA 4, EN50155 | IP67 |
| Temperature | | -4°F to 122°F | -22°F to 140°F |
| Power Source | | PoE | DC12V:23W, AC24V:50W / PoE |
| Other Functions | | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control. VI software dewarp 360, 2x 180 | Tampering alarm, Network disconnect, IP address conflict, Storage exception BLC, 3D DNR, Defog, OLB, Audio detection, Scene change detection, Region Enter/Exit, Object Unattended/removed |

ADVIDIA BULLET CAMERAS


















| MODEL # | | A-18-F | A-28-F | A-28-Z | A-38-F | A-88-V | B-38-V |
|------------------------------------|-------------------------|---|--|--|---|--|--|
| Resolution | | 1.3MP | 2MP | 2MP | 3MP | 8MP (4K) | 3MP |
| Environmental Type | | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor | Indoor Outdoor |
| Sensor | | 1/3 CMOS | 1/2.8 CMOS | 1/2.8 CMOS | 1/3 CMOS | 1/2.5 CMOS | 1/2.8 CMOS |
| Video Codec | | H.264 / MJPEG / H.264+ | H.265 / MJPEG / H.264 | H.265 / MJPEG / H.264 | H.264 / MJPEG / H.264+ | H.265 / H.264 | H.265 / H.264/ MJPEG |
| Max. Resolution | | 1280 x 960 | 1920 x 1080 | 1920 x 1080 | 2304 x 1296 | 3840 x 2160 | 2048 x 1536 |
| Max. FPS @ Max. Resolution | H.265 / H.264 / JPEG | 30fps @ 60Hz (1280 x 960) | 30fps @ 60Hz (1920 x 1080) | 60fps @ 60Hz (1920 x 1080) | 20fps @ 60Hz (2304 x 1296) | 15fps @ 60Hz (3840 x 2160) | 30 fps at (2048 x 1536) |
| True WDR | | True WDR @ 120 dB | True WDR @ 120 dB | True WDR @ 120 dB | True WDR @ 120 dB | True WDR @ 120dB | True WDR @ 142 dB |
| Day/Night ICR / IR | | Yes ICR | Yes ICR | Yes (ICR) | Yes ICR | Yes | Yes |
| ABF (Auto Back Focus) / Auto Focus | | - | - | Auto Focus | - | Remote Focus | Auto Focus |
| Min. Illumination | Color | 0.01 Lx | 0.005 Lx | 0.002 Lx @ F 1.2 | 0.01 Lx | 0.01 Lx | 0.05 Lx @ F1.4 |
| | B/W | 0.00 Lx with IR | 0.000 Lx with IR | 0.00 with IR | 0.00 Lx with IR | 0 Lux with IR | 0.00 Lx with IR |
| Lens | | f= 6.0 mm, F2.0 | f= 6.0 mm, F1.6 | f= 4.7 to 122mm | f= 6.0 mm, F2.0 | 2.8mm to 12mm | f= 2.8 to 12.0 mm |
| Horizontal field of view | 16: 9 | 46 deg. | 52 deg. | 70.5 to 3 deg. | 55.4 deg. | 105° to 34.5° | 32 to 90.6deg. |
| Adjusting Angle | Pan | 0 to +360 deg | 0 to +360 deg | - | 0 to +355 deg | 0° to 355° | NA |
| | Tilt | 0 to +90 deg | 0 to +90 deg | - | 0 to +75 deg | 0° to 90° | NA |
| Optical Zoom | | - | - | 26X | - | - | 4.3 X |
| Digital Zoom | | 4x | 4x | 16X | 4x | 16X | 16X |
| Built-in IR LED | | Yes (30 m) | Yes (30 m) | Yes (120m) | Yes (30 m) | Yes (50m) | Yes (30m) |
| Image Stabilizer | | - | - | Yes (EIS) | - | No | Yes (Digital) |
| Corridor Mode | | - | - | - | - | No | - |
| VMD (Video Motion Detection) | | Yes | Yes (2) | Yes | Yes | Yes | Yes (4) |
| Analytics | | Intrusion, Line cross | Intrusion, Line cross | Auto object tracking, Line cross, Face, Audio | (Intrusion, Line cross) | Intrusion, Line cross, Face detection | Tamper Detection |
| Max. Connection | | - | - | - | - | 32 | - |
| Audio | In (Line) / Out | No / No | No / No | Yes / Yes (3.5 mm) | No / No | Yes / Yes (Terminal Block) | Yes / Yes (Terminal Block) |
| | In (Built-in MIC) | - | - | - | - | No | No |
| | Codec | - | - | G.711 / G.722.1 / G.726 / MP2L2 | - | G.711/G.722.1/G.726/MP2L2/PCM | G.711 |
| SD memory Card | Slot | - | Yes (SDXC) (256GB) | Yes (SDXC) (128GB) | - | Yes (SD/SDHC/SDXC) (128GB) | Yes (MicroSD) (128GB) |
| External I/O | | No | No | Yes (1in / 1out) | No | Yes (1in / 1out) | Yes (1in / 1out) |
| Monitor Out | | - | - | Yes (mini jack) | - | Yes (1Vp-p composite output) | - |
| Vandal Resistant | | - | - | - | - | IK10 | IK10 |
| Water and Dust Resistance | | IP67 | IP67 | IP67 | IP67 | IP67 | IP66 |
| Temperature | | -22°F to 140°F | -22°F to 140°F | -22°F to 140°F | -22°F to 140°F | -22°F to 140°F | -22°F to 122°F |
| Power Source | | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE | 12 V DC / PoE | 12 V DC, 24 V AC / PoE | 12 V DC, 12V AC / PoE |
| Other Functions | | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR, BLC | Tampering alarm, Network disconnect, IP address conflict, Storage exception BLC, 3D DNR, Defog, OLB, Audio detection, Scene change detection, Region Enter/Exit, Object Unattended/removed | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, 3D DNR | Tampering alarm, Network disconnect, IP address conflict, Storage exception BLC, 3D DNR, Defog, OLB, Audio detection, Scene change detection | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control |

ADVIDIA ENCODERS



| MODEL # | | VP-1 | VP-4 | VP-8-V2 | VP-16-V2 | B-ENC-16 |
|---------------------------|----------------------|--------------------------------|--------------------------------|---------------------------------------|---------------------------------------|--------------------------------|
| Codec and Transmission | Video Codec | H.264 | H.264 | H.264 | H.264 | H.264 |
| | Built-in Analytics | - | - | Yes (Varies) | Yes (Varies) | - |
| Max. Resolution | | D1 | D1 | 1920 x 1080 | 1920 x 1080 | 960 x 480 |
| Max. FPS @Max. Resolution | H.265 / H.264 / JPEG | 30fps @ D1 | 30fps @ D1 | 30fps @ 1920 X 1080 | 30fps @ 1920 X 1080 | 30fps @ 960 x 480 |
| Analytics | | - | - | Line Crossing and Intrusion Detection | Line Crossing and Intrusion Detection | - |
| Audio | In (Line) / Out | Yes / Yes | Yes / Yes | 4 in / 1 out | 4 in / 1 out | Yes / Yes |
| | Codec | - | - | G.711u | G.711u | 8 kHz, Mono, PCM, G.711 |
| External I/O | | Yes (1in / 1out) | - | Yes (8in / 4out) | Yes (16in / 8out) | Yes (16in / 16out) |
| Temperature | | 14°F to 131°F | 14°F to 131°F | 14°F to 131°F | 14°F to 131°F | 14°F to 122°F |
| Power Source | | 12 VDC | 12 VDC | 12 VDC | 12 VDC | 12 VDC |
| Other Functions | | Encoder based motion detection | Encoder based motion detection | Encoder based motion detection | Encoder based motion detection | Encoder based motion detection |

| | |
|---|---------------------------------------|
|  | A-MC-155 Cap |
|  | A-MD-WM Wall Mount |
|  | A-MD-ICM Incline |
|  | A-MWB Metal Wall Mount |
|  | A-MWM-MINI Metal Wall Mount |
|  | A-34-Cap Metal Cap |
|  | A-MD-GBA Gang Box Adapter |
|  | A-Pole Mount Pole Mount |
|  | A-44-Pendant Pendant |
|  | ABAP-5 Gang Box Adapter |
|  | A-46-PM Pendant |
|  | A-46-WM Wall Mount |
|  | A-200-WM |
|  | A-200-LPM |
|  | A-200-PM |

ADVIDIA ACCESSORY CHART



**A-17-F, A-27-F,
A-37-F, A-37-FW**

| | |
|--|----------------------------------|
| To Wall Mount | A-MWM-MINI |
| | A-MD-WM |
| To Pendant Mount | A-34-CAP METAL + A-44-PENDANT |
| To Incline | A-MD-ICM |
| To Wall Mount with an Incline | A-MD-WM + A-MD-ICM |
| To Mount to a Double Gang Electrical Box | A-MD-GBA |



A-47-F

| | |
|--|----------------------------------|
| To Wall Mount | A-46-WM |
| To Pendant | A-46-PM |
| To Mount to a Single Gang Electrical Box | A-46-CW One comes with Camera |



A-87-V

| | |
|---------------|----------------------------------|
| To Wall Mount | A-MWB + A-MC-155 |
| To Pendant | A-44-PENDANT+ A-MC-155 |
| To Pole Mount | A-Pole Mount, A-MWB, A-MC-155 |

















A-28-Z, A-88-V


| | |
|--|----------------------------------|
| To Pole Mount | Provided J-Box + A-Pole Mount |
| To Pendant Mount | A-44-PENDANT + ABAP-5 |
| To Mount to a Double Gang Electrical Box | ABAP-5 |



A-200-P, A-300

| | |
|---------------|-----------|
| To Wall Mount | A-200-WM |
| To Pendant | A-200-LPM |
| To Pole Mount | A-200-PM |

| | |
|---|---------------------------------------|
|  | B-0321-WM Wall Mount |
|  | B-0323-MD-JB Wall Mount |
|  | B-0713-MD-JB Junction Box |
|  | B-0113-PDT Pendant |
|  | B-0813-GBA Gang Box Adapter |
|  | B-0506-PM Pole Mount |
|  | B-0706-JB Junction Box |
|  | B-31-GN Wall Mount |
|  | B-31-CMB Corner Mount |
|  | B-31-PM Pole Mount |
|  | B-0D-WM Wall Mount |
|  | B-31-ST Pendant |
|  | B-31-MK Mount Head |
|  | B-AD-WM Gang Box Adapter |



B-27-V

| | |
|--------------------------------------|--------------|
| To Wall Mount | B-0323-MD-JB |
| Junction Box with Threaded 3/4 Inlet | B-0713-MD-JB |




B-200-PTZ

| | |
|-----------------|---------------------|
| To Wall Mount | B-31-GN |
| To Corner Mount | B-31-GN B-31-CMB |
| To Pole Mount | B-31-GN B-31-PM |



B-57-V

| | |
|---------------------------------------|------------|
| To Wall Mount | B-0321-WM |
| To Pendant Mount | B-0113-PDT |
| Mount to a Double Gang Electrical Box | B-0814-GBA |

















B-51, B-210



| | |
|---------------------------------------|---------------------|
| To Wall Mount | B-0D-WM |
| To Pendant Mount | B-31-ST B-31-MK |
| Mount to a Double Gang Electrical Box | B-AD-WM |
| To Corner Mount | B-0D-WM B-31-CMB |
| To Pole Mount | B-0D-WM B-31-PM |



B-38-V

| | |
|--------------------------------------|-----------|
| To Pole Mount | B-0506-PM |
| Junction Box with Threaded 3/4 Inlet | B-0706-JB |

| | |
|---|------------------------------------|
|  | B-MD-WM Wall Mount |
|  | B-MD-ST Pendant |
|  | B-MD-EP Mount Head |
|  | B-MD-GB Gang Box Adapter |
|  | B-MD-WM Wall Mount |
|  | B-0506-PM Pole Mount |
|  | A-200-WM |
|  | A-MLT-CAP |
|  | A-200-LPM |
|  | A-200-PM |
|  | E-B203-WM |
|  | E-A151-CM |
|  | E-A137-JB |
|  | E-A152-PM |

| | |
|---|-------------------|
|  | E-B302S-WM |
|  | E-A101-CAP |



| | |
|---|----------------------|
| To Wall Mount | B-MD-WM |
| To Pendant Mount | B-MD-ST B-MD-EP |
| Mount to a 4 1/2 Octagon Electrical Box | B-MD-GB |
| To Pole Mount | B-MD-WM B-0506-PM |

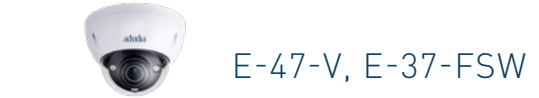


| | |
|------------------|--------------------------|
| To Wall Mount | A-200-WM + A-MLT-CAP |
| To Pendant Mount | A-200-LPM + A-MLT-CAP |
| To Pole Mount | A-200-PM + A-MLT-CAP |

| | |
|---|-------------------|
|  | E-B300C-CB |
|  | E-A152E-PM |



| | |
|-----------------|--------------------------|
| To Wall Mount | E-B203-WM |
| To Corner Mount | E-A151-CM + E-A137-JB |
| To Pole Mount | E-B203-WM + E-A152-PM |



| | |
|------------------|---|
| To Wall Mount | E-B302S-WM E-A101-CAP |
| To Pendant Mount | E-B300C-CB + E-A101-CAP |
| To Pole Mount | E-B302S-WM+ E-A101-CAP E-A152E-PM |

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