

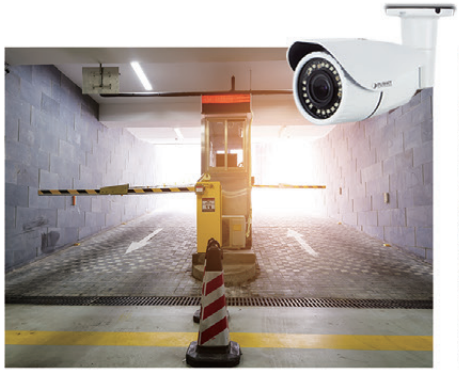
H.265 / H.264 | E-Map | RAID 0/1/5 | E-SATA

▶ NVR-3685

H.264+ 36-ch NVR with 8-bay Hard Disks

Save More Bandwidth and Storage Space via H.264+ Technology

Ideal Solution for High Image Quality



ICA-M3380P

H.264+ 3MP Bullet IP Camera

- 1/2.8" Sony Exmor progressive CMOS image sensor
- 2.8~12mm lens with wide angle surveillance
- Max. resolution 2048 x 1536 at 30fps
- 25M smart IR LED
- IP66-rated housing
- IEEE 802.3af standard PoE Interface



ICA-M4320P

H.264+ 3MP Dome IP Camera

- 1/2.8" Sony Exmor progressive CMOS image sensor
- 2.8~12mm lens with wide angle surveillance
- Max. resolution 2048 x 1536 at 30fps
- 20M IR LED
- Built-in PIR sensor for motion detection
- IEEE 802.3af standard PoE Interface



NVR-3685

H.264+ 36-ch NVR with 8-bay Hard Disks

- Supports VGA / HDMI dual local display
- Supports 8 SATA HDDs, up to 6TB per HDD
- Supports H.265 / H.264 compression
- Supports RAID 0/1/5
- Location management with eMap
- Supports mobile phone remote view

High Frame Rate (60fps) for Real-time Surveillance Applications

PLANET Exmor IP Camera Series with Zero-lux Illuminator is a high-resolution camera for the round-the-clock surveillance over IP networks. It supports H.264 and MJPEG compression formats and delivers excellent picture quality in Full HD resolutions at 60 frames per second (fps). Incorporating the new Exmor RS™ CMOS image sensor, it provides high-quality images under all lighting conditions.





Full Surveillance with 360° Panoramic Surround View

PLANET Fisheye IP Camera Series allows you to monitor all angles of a location using just one camera. Without installing any software, you can watch live view and utilize functions such as motion detection and camera tampering through the Web interface using a web browser. Distortion correction feature of the ICA-8500 can fix the camera video so you can use e-PTZ to zoom in, zoom out, and pan across your camera's video to survey a large area easily.

Efficiently Remote Monitoring of IP Cameras

PLANET IP Surveillance Solution provides multiple ways for users to remotely monitor all IP cameras more efficiently, such as user-friendly website management, apps for smart-phones and pads, and free DDNS services. It is quick to easily access your PLANET IP surveillance camera over both mobile phone and Wi-Fi network anytime, anywhere.





Cloud Services Make Access Easy Anywhere

To make home monitoring a truly simple experience, we have created Cloud App to enable you to access live video feeds of your home or office from any Internet-connected computer, iPhone®, iPad®, or Android® device anytime, anywhere. The Cloud Cameras can be viewed and managed on your personal account via Cloud App to enable you to enjoy the freedom of remote monitoring on your terms.

Extended Surveillance

PLANET E-series of IP cameras are able to provide advanced applications with specific software such as monitoring, video analyzing and vehicle license plate recognition. Through the NVR-E6480, it can help users monitor and record images/videos from multiple cameras simultaneously and able to operate up to 64 channels with advanced features such as event management and recording, tri-display monitoring, smart motion detection, PTZ control and e-Map. The CV7-VA is a software of video analytics that is designed to transform your video surveillance network into a smart detection system. The software provides Enter Area, People Counting, Missing Object, Line Crossing, Unattended Object and Tamper functions. Once a suspicious activity is detected, users can play back to watch these events and use them as references or evidences if needed. Moreover, the CV7-LP is a software of video analytics that is designed to detect and recognize vehicle license plates. This software is able to automatically locate and read license plates appearing in a certain area, and match this data against the database. It provides efficiency in parking and traffic control, as well as law enforcement.

IP Cameras

ICA-E6260

- 33x optical zooming, endless pan & tilt
- Max. frame rate 60fps at 1080p
- Weatherproof (IP67), vandalproof (IK09)
- Superior low light sensitivity
- WDR enhancement , 3D noise reduction
- Built-in microSD card slot for on-board storage
- Built-in PTZ auto tracking and enhanced intelligent video application



ICA-E5550V

- 2.8~12mm vari-focal, fixed iris lens
- Maximum resolution 2592 x 1944 (15fps)
- 30-meter IR LEDs with ICR
- WDR, 3DNR, IPv6, ONVIF, micro SD
- IK10, IP66
- Supports management, IVS and ALPR software



ICA-E3550V

- 2.8~12mm vari-focal, fixed iris lens
- Maximum resolution 2592 x 1944 (15fps)
- 30-meter IR LEDs with ICR
- WDR, 3DNR, IPv6, ONVIF, micro SD
- IK10, IP68
- Supports management, IVS and ALPR software



ICA-E6265

- 36x optical zooming, endless pan & tilt
- Max. frame rate 60fps at 1080p
- Long distance adaptive IR LEDs
- Superior low light sensitivity
- WDR enhancement , 3D noise reduction
- Water-repellent and scratch-resistant lens glass
- Built-in PTZ auto tracking and enhanced intelligent video application



ICA-E8550

- 1.19mm fisheye lens for 180° and 360° panoramic wide angle view
- ePTZ for data efficiency
- ICR, WDR and 3D noise reduction
- Built-in IR illuminators, effective up to 15 meters
- Built-in microSD card slot for on-board storage
- Vandalproof (IK10) and weatherproof (IP68)
- EN50155 compliance for professional mobile surveillance



NVR

NVR-E6480

- Manages up to 64 cameras
- 8-bay rackmount (2U) with software RAID (0,1)
- Instant playback in live view window
- Location-based management with eMap
- Supports dual stream management
- Remote access via mobile app, Web browser or CMS



CMS

CV7-M64

- Central management for NVR and camera
- Supports live view up to 64 channels
- Exports video with RAW and AVI formats
- Event trigger, response and notification
- Supports dual stream management
- Mobile client, Web client, workstation
- Location-based management with eMap



Managed Software

Automatic License Plate Recognition



CV7-LP2/4

- Concurrent analysis of up to 2/4 channels
- One region of interest per channel
- Searching and filtering based on time and plate number
- Convenient plate numbering searching
- Analysis for live and pre-recorded videos

License Plate of Country

Austria/Australia/Bulgaria/Canada/Costa Rica/Czech Republic/ Dubai/Ecuador/Europe Region/Georgia/Germany/Greece/ Guatemala/Hong Kong/Hungary/Indonesia/Ireland/Italy/Japan/ Jordan/Kuwait/Laos/Malaysia/Malta/Mongolia/New Zealand/ Oman/Poland/Romania/Russia/Saudi Arabia/Slovakia/South Korea/Spain/Taiwan/Thailand/UK/Ukraine/US/Vietnam

Intelligent Video Analysis



Line Crossing



Enter Area



Unattended Object



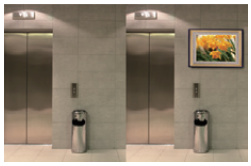
Object Counting



People Counting



Camera Tampering



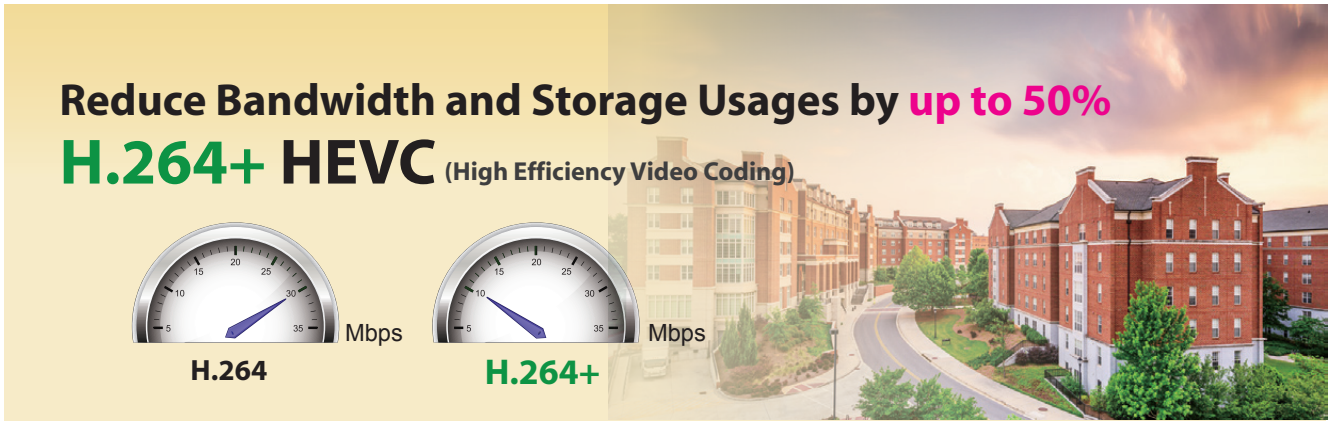
Missing Object

CV7-VA4/9

- Concurrent analysis of up to 4/9 channels
- Supports enter area, people counting, missing object, line crossing, unattended object and tamper functions
- Event search and filtering based on time, algorithm and object color
- Play back captured events
- Exports videos of captured events
- Analysis for live and pre-recorded videos

Video Management System





H.264+ Surveillance

PLANET H.264+ Series of IP Cameras can perform in various surveillance applications. With high-resolution design, it can capture clear images and is perfect for identifying objects and persons. Moreover, it supports 802.3af PoE interface, and facilitates the indoor surveillance applications without worrying the electric source. Besides, NVR and Web UI management make you easy to do the configuration and live viewing. With so many features offered, PLANET H.264+ Series of IP Cameras no doubt is your best choice for indoor surveillance solution.

IP Cameras

ICA-M3380P

- 1/2.8" Sony Exmor progressive CMOS image sensor
- 2.8~12mm lens with wide angle surveillance
- Max. resolution 2048 x 1536 at 30fps
- 25M smart IR LED
- IP66-rated housing
- IEEE 802.3af standard PoE interface



ICA-M4320P

- 1/2.8" Sony Exmor progressive CMOS image sensor
- 2.8~12mm lens with wide angle surveillance
- Max. resolution 2048 x 1536 at 30fps
- 20M IR LED
- Built-in PIR sensor for motion detection
- IEEE 802.3af standard PoE interface



NVR

NVR-3685

- Supports VGA/HDMI dual local display
- Supports 8 SATA HDDs, up to 6TB per HDD
- Supports H.264+/H.264 compression
- Supports RAID 0/1/5
- Location management with eMap
- Supports mobile phone remote view



H.264+ H.264 RAID



Exmor RS IP Cameras

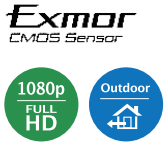
ICA-4210P

- Sony Exmor RS progressive CMOS sensor
- Maximum resolution 1920 x 1080 (60fps)
- 20-meter IR LEDs with ICR
- Smart Focus and Zoom
- True WDR™, super low lux@0.01
- Intelligent-inside, 3DNR, IPv6



ICA-HM620

- Sony Exmor progressive CMOS sensor
- 4.7~94mm vari-focal, auto-iris lens
- 20X optical, 8X digital zoom
- Maximum resolution 1920 x 1080 (30fps)/1280 x 720 (60fps)
- WDR, 3DNR, IP66, PoE+





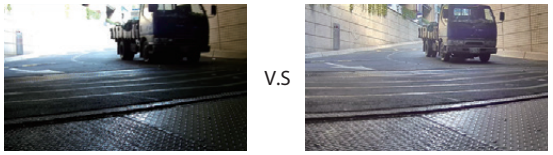
High Frame Rate (60fps) for Real-time Surveillance Applications



Super Low Lux for Day & Night



True WDR



Taken by IP camera without WDR

Taken by PLANET IP camera with True WDR

Exmor RS CMOS Sensor



Taken by other brands

Taken by PLANET IP camera

Smart Focus with P-Iris



Blurred

Auto Focus

Clear

Face Detection and Cross Line Detection



Face Detection

Cross Line Detection

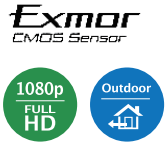
ICA-3250

- 3.6mm lens with 74 degrees angle view
- Maximum resolution 1920 x 1080 (30fps)
- 20-meter IR LEDs with ICR
- WDR, 2DNR, IP66



ICA-4250

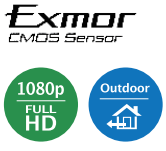
- 3.6mm lens with 74 degrees angle view
- Maximum resolution 1920 x 1080 (30fps)
- 25-meter IR LEDs with ICR
- WDR, 2DNR, IP66
- Cable management





ICA-2250VT

- Sony Exmor progressive CMOS sensor
- 3.1~8mm vari-focal, auto-iris lens
- Maximum resolution 1920 x 1080 (30fps)
- WDR, ICR, 3DNR, IP66, PoE+, cable management
- Industrial design with -40 to 75 degrees C operating temperature





Fisheye IP Cameras

- 360° fisheye panoramic wide angle view
- Simultaneous multi-stream support
- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Removable IR-cut Filter for Day & Night function
- 2-way audio function
- Digital Input and Output for integration with sensors and alarms

ICA-W8100

- 0.89mm fisheye lens
- Maximum resolution 1280 x 720 (30fps)
- IEEE 802.11n wireless LAN compliant
- WPS, PIR for thermal, motion detection

720P HD PIR



ICA-W8500

- Equipped with 2659 x 1944 pixel 5MP CMOS sensor
- 1.05mm fisheye lens
- Maximum resolution 1920 x 1920 (15fps)
- WDR, 2DNR, ONVIF
- Supports advanced e-PTZ function
- IEEE 802.11n wireless LAN compliant

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5MP 802.11n N



IP Cameras

- IEEE 802.3af standard PoE interface
- ONVIF compliant
- 3DNR to improve picture quality at low lux
- Supports both IPv6 and IPv4
- PLANET DDNS and easy DDNS
- Micro SD card for local storage
- WDR Enhancement function strengthens visibility under extremely bright or dark environments
- Easily-recessed mount design
- Convenient nano-design blends in nicely with any surrounding

ICA-W7100

- 3.6mm board lens
- Maximum resolution 1280 x 720 (30fps)
- 10-meter IR LEDs with ICR
- WDR, 2DNR
- Pan and tilt (Pan: 0° ~ 355°; Tilt: 0° ~ 90°)
- IEEE 802.11n wireless LAN compliant

720P HD 802.11n N



SIP IP Camera

ICA-4130S

- SIP 2.0 (RFC 3261) compliant
- 3.6mm board lens
- Maximum resolution 1280 x 960 (30fps)
- Tamper detection for unauthorized changes
- Supports advanced e-PTZ function

720P HD SIP





Network Video Recorders

To save the total cost of ownership (TCO), PLANET provides the alternative way to store all the videos and audios from the IP camera and the NVR. The NVR product family includes 8-ch, 9-ch and 16-ch capability that can record 16 IP cameras that are connected on the IP network whether they are wired or wireless and indoors or outdoors.

- Simultaneous recording and live video streams
- Supports MJPEG, MPEG-4 and H.264 compressions
- Mobile devices remote monitoring
- Auto configuration for PLANET IP camera
- Easy access with PLANET Dynamic DNS
- Manual or schedule recording of 8/9/16 IP cameras simultaneously
- ONVIF compliant
- Video recycle function keeps the video recording 24/7
- Web-based and management utility for easy configuration
- 2-way audio function
- E-Map interface in web and utility configuration
- Exports recorded video file to AVI format
- Multiple Languages support

NVR-820

- Records 240fps @1920 x 1080
- Maximum bitrate 55Mbps
- 2 x SATA HDD
- HDMI and VGA dual local display
- Intelligent, Google e-Map, and multi-brand IP CAM support



E-Map | Dual Monitor Display

NVR-915

- H.264 compression
- Records 270fps @1920 x 1080
- Maximum bitrate 48Mbps
- 2 x SATA HDD with e-SATA
- HDMI and VGA local display



1080p FULL HD

NVR-1615

- H.264 compression
- Records 480fps @1920 x 1080
- Maximum bitrate 80Mbps
- 2 x SATA HDD with e-SATA
- HDMI and VGA local display



1080p FULL HD

H.265 NVR

NVR-3685

- Supports VGA/HDMI dual local display
- Supports 8 SATA HDDs, up to 6TB per HDD
- Supports H.265/H.264 compression
- Supports RAID 0/1/5
- Location management with eMap
- Supports mobile phone remote view

H.265 H.264 | RAID



Windows-based NVR

NVR-E6480

- Manages up to 64 cameras
- 8-bay rackmount (2U) with software RAID (0,1)
- Instant playback in live view window
- Location management with eMap
- Supports dual stream management
- Remote access via mobile app, Web browser or CMS

RAID





Hybrid Digital Video Recorders

- Embedded, highly-reliable standalone HDVR
- Supports hybrid mode for combination of IP, AHD and analog cameras
- Supports H.264 compression
- Supports RS485 for PTZ control
- 2-way audio support with enhanced audio quality
- Video recycling function records events 24/7
- ONVIF compliant for interoperability
- Up to 256 channels with the central management software
- Supports two USB2.0 ports for mouse control and backup
- Supports mobile phone remote viewer, Web UI and CMS

HDVR-430

- Records 60fps @1280 x 720
- Maximum bitrate 20Mbps
- 4-ch BNC connectors and 1 x SATA HDD
- 1280 x 720 HDMI and VGA local display



HYBRID

HDVR-830

- Records 60fps @1280 x 720
- Maximum bitrate 20Mbps
- 8-ch BNC connectors and 1 x SATA HDD
- 1280 x 720 HDMI and VGA local display



HYBRID

HDVR-1630

- Records 60fps @1920 x 1080
- Maximum bitrate 60Mbps
- 16-ch BNC connectors and 1 x SATA HDD
- 1920 x 1080 HDMI and VGA local display



HYBRID 1080p FULL HD



AHD Cameras

Model	CAM-AHD325	CAM-AHD425
Product Image		
	Sony Sensor 4-in-1	Sony Sensor 4-in-1
Resolution	AHD 1080p	AHD 1080p
Sensitivity	0 lux with built-in IR LED	0 lux with built-in IR LED
Sensor	1/2.8"Sony CMOS sensor	1/2.8" Sony CMOS sensor
Lens	3.6mm/F1.2	3.6mm/F1.2
IR Distance	30 meters	20 meters
WDR	D-WDR	D-WDR
Day and Night	IRC switch	IRC switch
Digital Noise Reduction	2DNR/3DNR	2DNR/3DNR
Protection Class	IP66	IP65