

## 3 Mega-Pixel Vandal Proof IR IP Camera



### *Exceptional surveillance with outdoor-ready 3 Mega-Pixel camera*

The PLANET ICA-5350V Network Camera with IR Illuminator is a high resolution camera for round-the-clock surveillance over IP networks. This camera supports H.264, MPEG-4, and JPEG compression formats and delivers excellent picture quality in 3 Mega-Pixel resolutions at 30 frames per second (fps). Incorporating the new Exmor™ CMOS image sensor from Sony, which is specially designed for surveillance applications, this camera provides high quality images under all lighting conditions. The IP66-rated and Vandal Proof housing protects the camera body against rain and dust and ensures operation under extreme weather conditions, which makes it an ideal solution for outdoor applications, e.g. surveillance of buildings, roads, parking areas, garages, railway stations and airports.

### 3 Mega-Pixel Resolution



### *Day & Night functionality*

To adapt to constantly changing lighting conditions, the ICA-5350V comes with a removable IR-cut filter and built-in IR illuminators, which enables the camera to provide color video when there is sufficient light, and black/white video in dark conditions. The camera is able to maintain clear images 24 hours a day.



### *Exceptional Image quality*

Together with powerful image processing attributes like Wide Dynamic Range and 3-Dimension Noise Reduction technology, the camera is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.



### *Advanced event management*

The ICA-5350V also supports a number of advanced features that give the camera increased flexibility and capabilities, including Auto-iris for improve the image quality to avoid over exposure, AV out for perform the two-way audio function, RS485 for connectivity to an optional pan/tilt enclosure which effectively adds pan/tilt functionality and inputs/outputs for connecting external devices such as door sensors and relays to activate light or close doors.

### *Flexible installation and Power functionality*

The ICA-5350V incorporates Power over Ethernet supplies power to the camera via the network, eliminating the need for power cables and reducing installation costs. With other advanced features such as the Gigabit Ethernet Transmission, giving a user the utmost in bandwidth flexibility and storage efficiency. The ICA-5350V is ONVIF-compliant and therefore interoperable with other manufacturer's products, it's also included 64-CH central management software; the ICA-5350V is indisputably the top choice for reliable and high performance surveillance.

## KEY FEATURES

### **CAMERA**

- Sony's 1/2.8" type "Exmor" 3MP CMOS sensor
- 3.0~9.0 mm Vari-focal, DC Auto-iris Lens
- 0.5 lux Minimum Illumination at F1.2
- Maximum resolution 2048 x 1536
- Removable IR-cut Filter for Day & Night Function

### **VIDEO / AUDIO**

- H.264 / MPEG-4 and M-JPEG video compression simultaneously
- Simultaneous multi-stream support
- H.264 high profile, main profile and baseline
- Max. Resolution 3MP / 1080P at 30fps
- 3DNR to improve picture quality at low Lux
- WDR Enhancement for enhance visibility under extremely bright or dark environments
- Two-way audio support with enhanced audio quality

### **NETWORK AND CONFIGURATION**

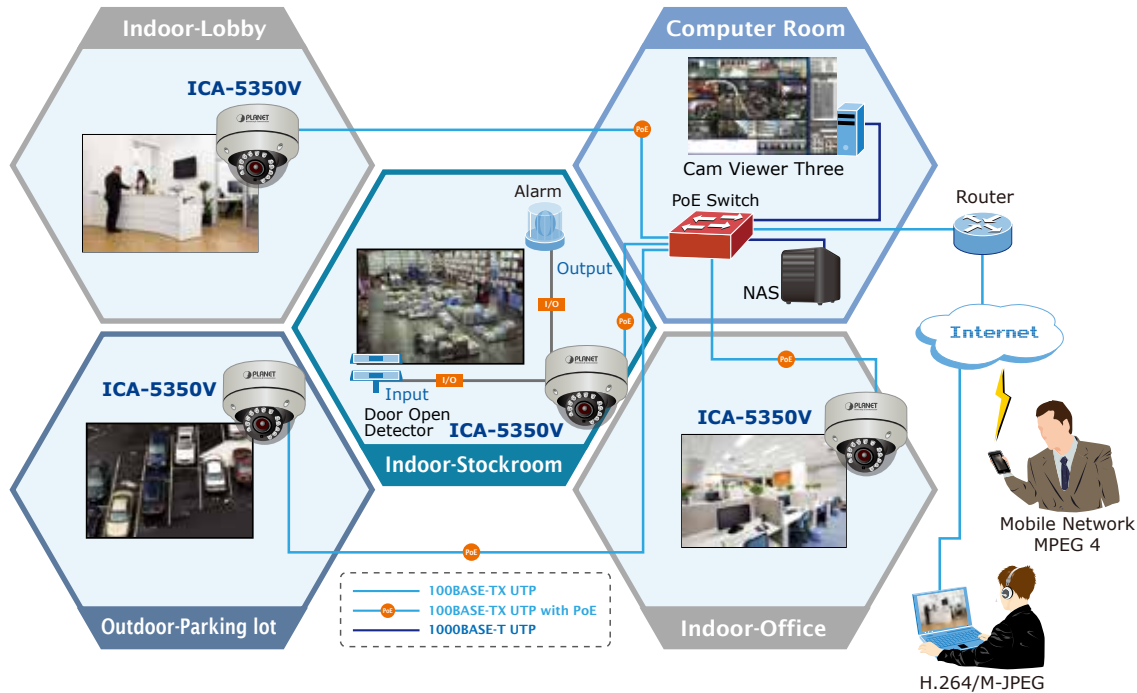
- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Equipped with Gigabit Ethernet port
- Auto MDI/MDI-X supported
- Support for IPv6 in addition to the standard IP protocol version 4
- RTSP / UPnP / 3GPP / HTTPS protocols selectable

### **EASY INSTALLATION & MANAGEMENT**

- Onvif compliant for interoperability
- Built-in 12 IR Illuminators, effective up to 20 Meters
- IP66 and Vandal Proof outdoor classifications with fan for rigorous environment
- Built-in Samba client for NAS
- 3GPP for 3G mobile remote applications
- Micro SD card local video recording supported
- RS485 interface for P/T scanner control
- Digital Input/Outputs for integration with sensors and alarms
- Cam Viewer 3 Central management software supported

**APPLICATIONS**

PLANET ICA-5350V is providing various surveillance applications. It captures clear images and is perfect for the identification of objects and people both in indoor and outdoor surveillance.



**SPECIFICATION**

Product	3 Mega-Pixel Vandal Proof IR IP Camera
Model	ICA-5350V
Camera	
Image device	1/2.8" type Sony Exmor progressive scan CMOS sensor
Lens	Vari-focal 3.0~9.0mm, DC Auto-iris Mechanical IR Cut Filter Angle of view : horizontal: 40 ~ 97 Degree / vertical: 30 ~ 81 Degree
Min Illumination	0.5 lux @ F1.2
IR Illuminations	IR LED*24, 850nm Effective up to 25 meters
Effective Pixels	2048 x 1536 pixels
Image	
Video Compression	H.264 / MPEG-4 / M-JPEG
Video Resolution	H.264: QXGA / SXGA / VGA / QVGA MPEG4: VGA / QVGA M-JPEG: QXGA / SXGA / VGA / QVGA
Frame Rate	Up to 30fps for all resolutions
Image Setting	AE, AWB 3D Noise reduction WDR Color, brightness, sharpness, contrast Mirror/Flip 8 Privacy Masks Text, time and date overlay
Streaming	Simultaneously multi-profile streaming Streaming over UDP, TCP, or HTTP M-JPEG streaming over HTTP (server push) Supports 3GPP mobile surveillance (MPEG4) Controllable frame rate and bandwidth Constant and variable bit rate (MPEG4/H.264) ROI

<b>Audio</b>	
Audio Streaming	Two-way Audio
Audio Compression	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR
Microphone	External microphone input
Audio Output	Adjustable audio output gain
<b>Network and Configuration</b>	
Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T
Protocol	IPv4, IPv6, TCP/IP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, ICMP, Samba
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
Users	20 clients on-line monitoring at the same time
<b>System Integration</b>	
Application Programming Interface	Open API for software integration ONVIF Compliant
Alarm Triggers	Intelligent video motion detection and external input
Alarm Events	File upload via FTP, Samba to NAS, SD card or email Notification via email, HTTP, and TCP External output activation Audio alerting output Pre- and post-alarm buffering
<b>General</b>	
Power Requirement	12V DC, 1A IEEE 802.3af Class 3
Power Consumption	10W max.
Housing	Weather-proof IP66-rated housing
Operating Temperature	-20 ~ 50 Degree C
Operating Humidity	5 ~ 95% (non-condensing)
Weight	1010g
Dimension (Φ x L)	100 x 171 mm
Emission	CE, FCC
Connectors	10/100/1000Mbps Gigabit Ethernet, RJ-45 DC power jack Terminal block for 1 alarm input and 1 output RS-485 interface for scanners, pan/tilts External MIC input Audio out Composited video out Micro SD card (Max 32GB, Class 6) Factory default reset

## ORDERING INFORMATION

ICA-5350V	3 Mega-Pixel Vandal Proof IR IP Camera
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## RELATED PRODUCTS

CV3P-4	4-Channel Cam Viewer 3 Professional
CV3P-8	8-Channel Cam Viewer 3 Professional
CV3P-16	16-Channel Cam Viewer 3 Professional
CV3P-36	36-Channel Cam Viewer 3 Professional
CV3P-64	64-Channel Cam Viewer 3 Professional
NVR-401	4-CH Network Video Recorder
NVR-420	4-CH Network Video Recorder with HDMI
NVR-810	8-CH Network Video Recorder
NVR-1610	16-CH Network Video Recorder
NVR-3210	32-CH Network Video Recorder
NVR-3250	32-CH Rack Mount Network Video Recorder
CV3-M1024	1024-Channel Central Management Software