

Full HD Outdoor IR PoE IP Camera



Superb Full HD Outdoor Professional Surveillance

The PLANET ICA-3250V PoE IP Camera with IR Illuminator provides high resolution images for round-the-clock surveillance over IP networks. It supports H.264, MPEG-4, and JPEG compression formats and delivers excellent picture quality in Full HD resolutions at 30 frames per second (fps). The ICA-3250V is also equipped with a mounting bracket that conceals all cables within for easy management and waterproofing. Furthermore, the IP66-rated housing protects the ICA-3250V against rain and dust and ensures stable operation under extreme weather conditions. The ICA-3250V is an ideal solution for outdoor surveillance applications such as buildings, roads, parking areas, garages, railway stations and airports.

Full HD Resolution



Day & Night functionality

To adapt to constantly changing lighting conditions, the ICA-3250V 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 ICA-3250V is able to maintain clear images 24 hours a day.



Camera

- 1/2.7" 2MP progressive scan CMOS sensor
- 3.6~16 mm Vari-Focal, DC Auto-Iris Lens
- 0 lux Minimum Illumination at F1.2
- Maximum resolution 1920 x 1080
- 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
- Up to 30fps for all resolutions
- 3DNR to improve picture quality at low Lux
- WDR Enhancement function strengthens 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
- Auto MDI/MDI-X supported
- Supports IPv6 in addition to IPv4
- RTSP / UPnP / 3GPP / HTTPS protocols selectable

Easy Installation & Management

- ONVIF compliant for interoperability
- Built-in 35 IR Illuminators, effective up to 25 Meters
- IP66 outdoor classifications with cable management bracket for rigorous environment
- Built-in Samba client for NAS
- 3GPP for 3G mobile remote applications
- Micro SD card local video recording supported
- Digital Input/Output for integration with sensors and alarms
- Cam Viewer 3 Central management software supported

Exceptional Image Quality

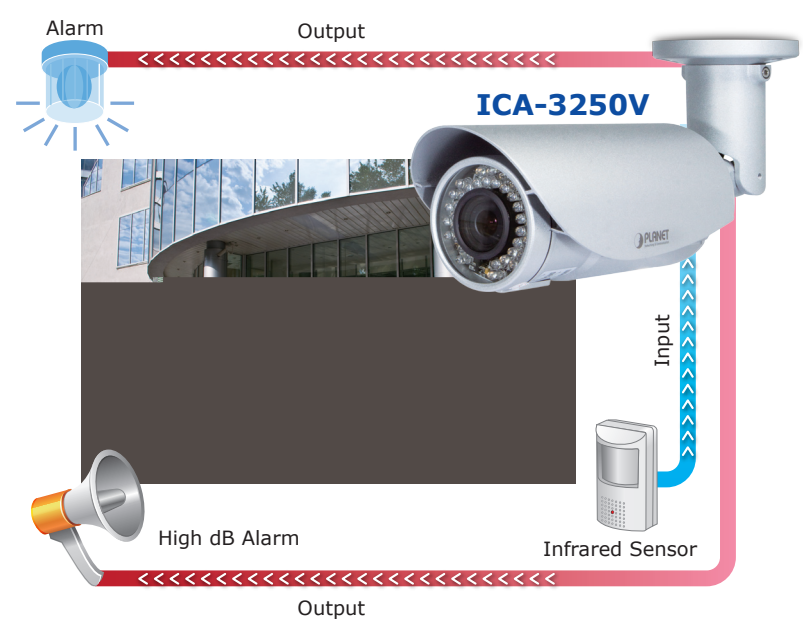
Together with powerful image processing attributes like Wide Dynamic Range and 3-Dimension Noise Reduction technology, the ICA-3250V is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.



Advanced event management

The ICA-3250V supports a number of advanced features to enhance surveillance flexibility and event management capabilities. The advanced features include Auto-Iris for improving the image quality to avoid over exposure, AV out for two-way audio function, and inputs/outputs for connecting to external devices such as door sensors and relays to activate light or close doors.

Digital Input /Output
For External Sensor in and Alarm out



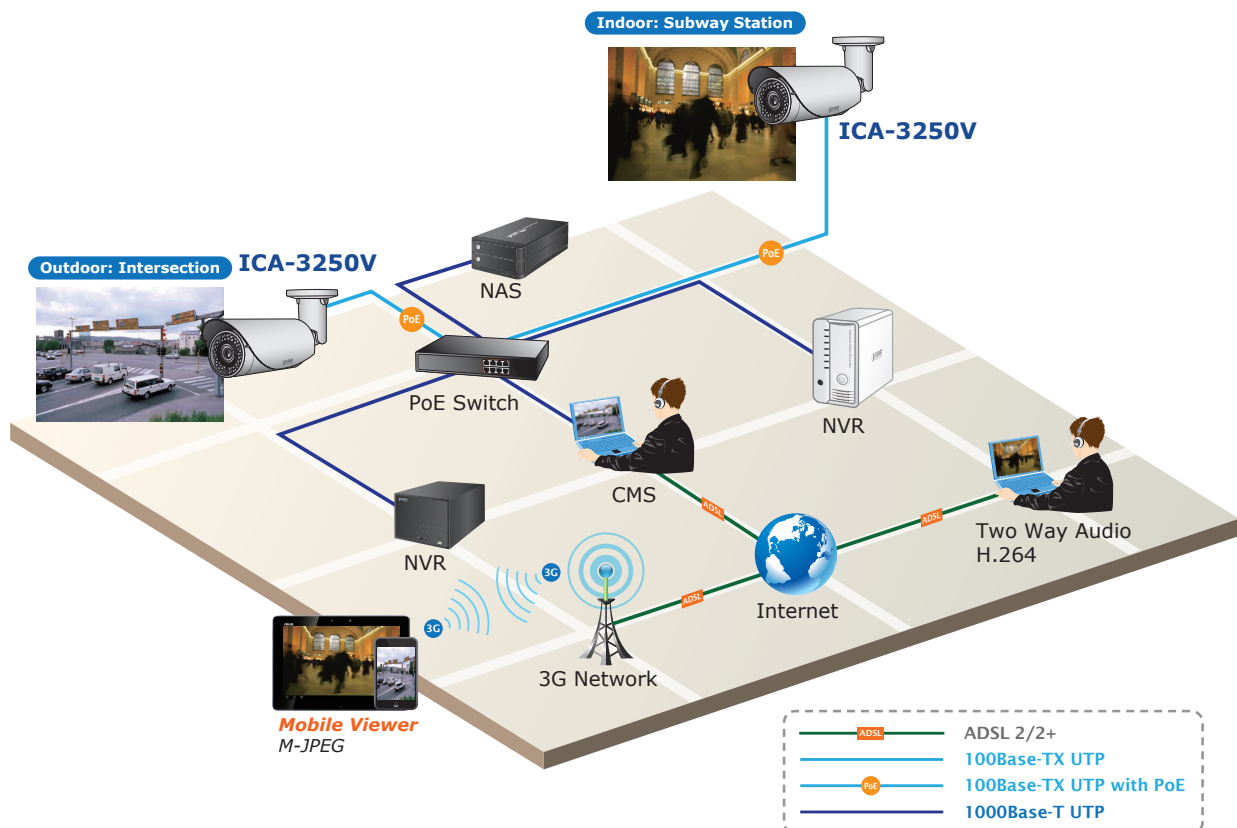
Flexible Installation and Power Functionality

The ICA-3250V incorporates IEEE 802.3af Power over Ethernet technology and can be powered from a PoE Switch via the network, which eliminates the need for power cables and reduces installation costs. The ICA-3250V is ONVIF-compliant and therefore interoperable with other brand's products in the market, greatly supporting users to integrate with their existing surveillance network. In addition, the ICA-3250V includes 64-CH central management software for efficient monitoring. The ICA-3250V is indisputably the top choice for reliable and high performance surveillance.



Application

PLANET ICA-3250V can perform in various surveillance applications. With high resolution design, it can capture clear images and is perfect for identifying objects and persons. Moreover, the ICA-3250V supports 802.3af PoE interface, it facilitates the outdoor surveillance applications without worrying the electric source.



Specification

Product	Full HD Outdoor IR PoE IP Camera
Model	ICA-3250V
Hardware Specification	
Image Device	1/2.7" 2 Mega-Pixel progressive scan CMOS sensor
Lens	Vari-Focal 3.6~16 mm, DC Auto-Iris Mechanical IR Cut Filter Angle of view : horizontal: 23.6 ~ 97.9 Degree / vertical: 14.2 ~ 51.6 Degree
Min Illuminator	0 lux @ F1.2
IR Illumination LED	IR LED*35, 850nm Built-in IR illuminators, Effective up to 25 meter
Effective Pixels	1920 x 1080 pixels
Image	
Video Encoder	H.264 / MPEG-4 / M-JPEG
Video Profile	H.264: 1080P / 720P / VGA / QVGA / QCIF M-JPEG: 1080P / 720P / VGA / QVGA / QCIF MPEG-4: VGA / QVGA / QCIF (Only for 3GPP)
Frame Rate	Up to 30fps for all resolutions
Image Setting	Brightness, sharpness, contrast, AGC, Night Mode Text, time and date overlay
Streaming	Simultaneously multi-profile streaming M-JPEG streaming over HTTP Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (MPEG-4 / H.264)
Audio	
Audio Streaming	Two-Way Audio
Audio Encoder	RTSP: G.711 / G.726 3GPP: AMR
Microphone	External microphone input
Audio Output	Phone Jack
Network and Configuration	
Network Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX
Supported Protocols	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Security	Password protection, IP address filtering, HTTPScrypted data transmission, 802.1X Port-Based authentication for network protection, QoS/DSCP
Users	10 simultaneous unicast users
System Integration	
Application Programming Interface	Open API for software integration SDK
Alarm Triggers	Intelligent video motion detection and external input 3-zone video motion detection
Alarm Events	File upload via FTP, email and SAMBA. External output activation Configurable Pre/Post alarm buffering
General	
Power Supply	12V DC, 1A IEEE 802.3af Class 0
Power Consumption	DC 12V Max: 5.76W(IR On); 3.84W(IR Off) PoE Max: 7.68W (IR on); 4.8W(IR Off)
Housing	Weather-proof IP66-rated housing
Operating Temperature	-20 ~ 50 Degree C
Operating Humidity	20 ~ 80% (non-condensing)
Weight	1590g
Dimension (Φ x L)	83 x 180 mm
Emission	CE, FCC
Connectors	10/100 Mbps Ethernet, RJ-45 DC power jack Terminal block for 1 alarm input, 1 output and factory default reset External MIC input Audio out Micro SD/SDHC card (Max. 32GB, Class 6) Composited video out

Ordering Information

ICA-3250V	Full HD Outdoor IR PoE IP Camera
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Related Products

ICA-HM316	2 Mega-Pixel Outdoor IR PoE IP Camera
ICA-HM316W	2 Mega-Pixel 11n Outdoor IR IP Camera
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

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ICA-3250V