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.

WDR: OFF

WDR: ON

3DNR: OFF

3DNR: ON

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

Alarm

Output

ICA-3250V

Input

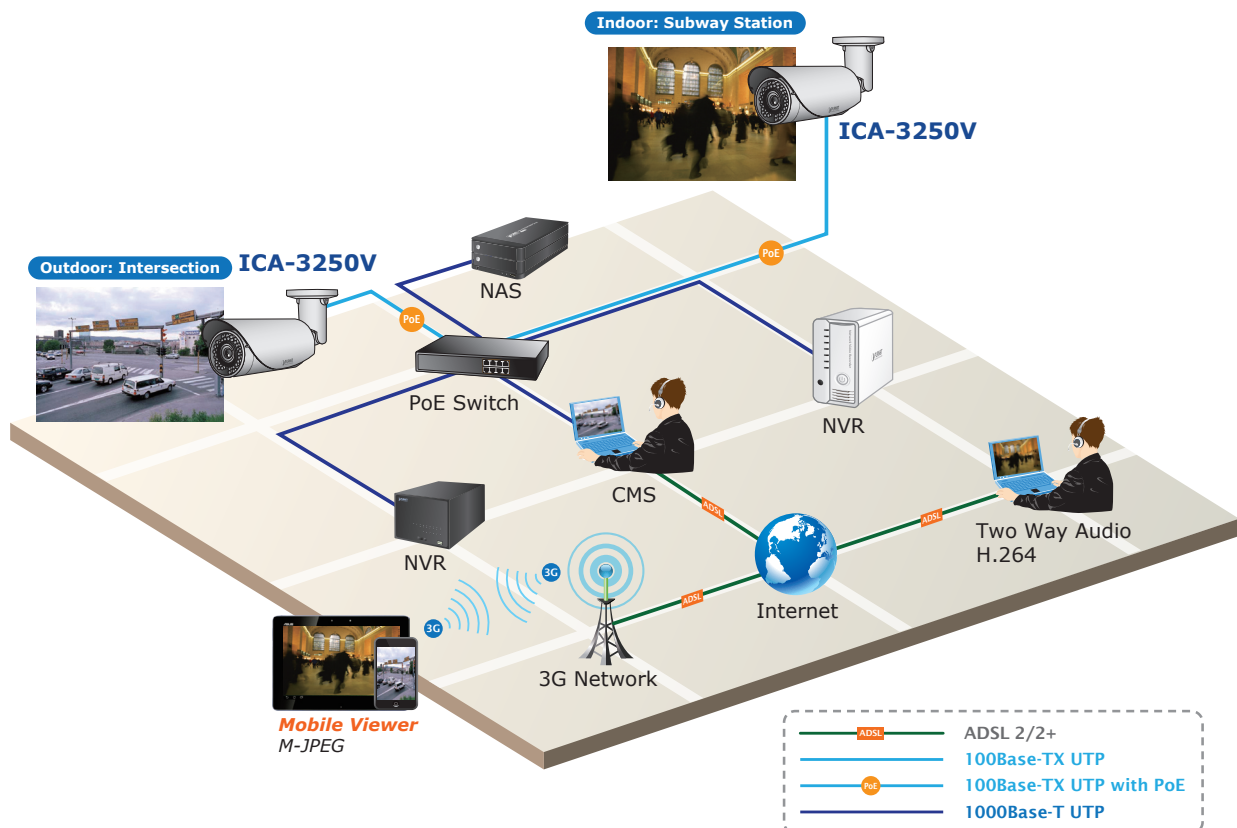High dB Alarm

Infrared Sensor

Output

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-3350V 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.

IP66 Weather Proof
For the Most Extreme Enviroments

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.

		ADSL 2/2+
		100Base-TX UTP
	PoE	100Base-TX UTP with PoE
		1000Base-T UTP

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, HTTPSencrypted data transmission, 802.1X Port-Basedauthentication 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

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

ICA-3250V