Full HD Outdoor IR PoE IP Camera

Superb Full HD Outdoor Professional Surveillance

PLANET ICA-3250V PoE IP Camera with IR Illuminator provides high-resolution images for the 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 can change video frame from horizontal to vertical, i.e. from 16:9 to 9:16, which is great for corridors. The ICA-3250V is also equipped with a mounting bracket that conceals all cables within for easy management and waterproof purposes. 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. It can also select color 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
- 3~10.5 mm vari-focal, DC auto-iris lens
- Minimum illumination at F1.2, 0 lux
- Maximum resolution 1920 x 1080
- Removable IR-cut filter for day & night function

Video / Audio

- H.264 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
- Change video field to vertical in corridor mode
- Color video in dark conditions
- Anti fog and lens distortion correction

Network and Configuration

- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Auto MDI/MDI-X supported
- Supports both IPv6 and IPv4 protocols
- 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
- Save files to SD card once network connection is lost
- 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-Dimensional 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

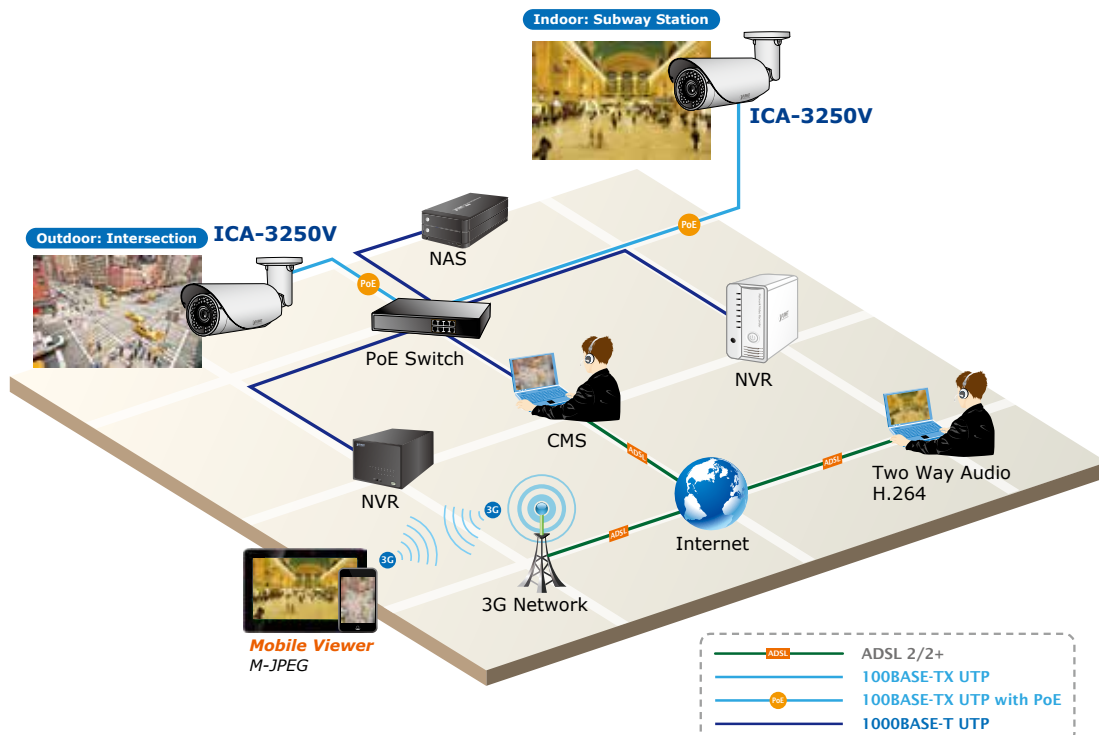# For External Sensor in and Alarm out

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 brands 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.

Applications

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, and facilitates the outdoor surveillance applications without worrying the electric source.

Indoor: Subway Station
ICA-3250V

Outdoor: Intersection **ICA-3250V**

NAS
PoE Switch
CMS
NVR
NVR
Two Way Audio
H.264
Internet
3G Network
Mobile Viewer
M-JPEG

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

Specifications

Product	ICA-3250V
Camera	
Image Device	1/2.7" 2 mega-pixel CMOS sensor
Effective Pixels	1920 x 1080@30fps
Sensitivity	Color : 0.05 lux (AGC ON) B / W: 0.01 lux (AGC ON)
Lens	3 ~ 10.5mm vari-focal lens with auto iris and IR-cut filter/ F1.4
View Angle	H: 34.89~106.72 degrees V: 19.38~61.26 degrees
Video	
Video Encoder	H.264 and Motion JPEG simultaneously
Video Profile	- H.264: 1080P / 720P / VGA / QVGA / QCIF - JPEG: 1080P / 720P / VGA / QVGA / QCIF - 3GPP: VGA / QVGA / QCIF
Frame Rate	HD-1080P / 720P / VGA / QVGA / QCIF up to 30fps
Image Setting	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Time, Sense-Up, WDR, Anti Fog, Lens Distortion Correction, Flip, Mirror, Noise reduction, White Balance, Day & Night adjustable
Streaming	Simultaneously multi-profile streaming M-JPEG streaming over HTTP Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (H.264)
Audio	
Audio Encoder	RTSP: G.711 / G.726 3GPP: AMR
Audio Streaming	Two-way
Microphone	Phone jack
Audio Output	Phone jack
Network and Configuration	
Network Standard	IEEE 802.3 / IEEE 802.3u
Supported Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, 802.1x, SNMP, DHCP, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP
Security	Password protection, user access log
Users	10 simultaneous unicast users
Ethernet	10/100M auto negotiation
System Integration	
Application Programming Interface	Open API for software integration SDK
Alarm Triggers	Intelligent video motion detection and external input
Motion Detection	3-zone video motion detection
Alarm Events	File upload via FTP, email and SAMBA. External output activation Configurable pre/post alarm buffering
Video Buffer	Pre- 5sec and post- 10 sec alarm buffering
General	
Power Supply	12V DC external power adapter
PoE	IEEE 802.3af
PoE Consumption	12V DC: 2.76W (IR Off); 4.80W (IR On) PoE: 3.84W (IR Off); 6.72W (IR On)
Illumination LED	IR LEDs
IR LED	Infrared LED × 35pcs
IR Wavelength	850nm
IR Distance	25m
Power Consumption	IR on: 5.76W IR off: 3.84W
Protection Class	IP-66 classification
Operating Temperature	-20 ~ 50 degrees C

Viewing System	
OS	Windows® XP, Vista 32bit, Win7 32bit, Server 2003
Browser	IE 8.0 or latter
Cell Phone	With 3GPP player
Video Player	VLC, Quick Time, Real Player
Software	
Monitor/ Recording / Management	PLANET CV3P (2-ch Cam Viewer Three Pro Trail Version) PLANET CV3L (64-ch Cam Viewer Three Lite Bundled Version)
Search & Installation	PLANET IP Installer

Ordering Information

ICA-3250V	Full HD Outdoor IR PoE IP Camera

Related Products

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-820	8-Ch Network Video Recorder with HDMI
NVR-1620	16-Ch Network Video Recorder with HDMI
NVR-3210	32-Ch Network Video Recorder
NVR-3250	32-Ch Rack Mount Network Video Recorder
NVR-3280	32-Ch Rack-mount Network Video Recorder with 8-Bay Hard Disks
IGS-10020PT	Industrial 8-Port 10/100/1000T 802.3af PoE + 2-Port 100/1000X SFP Managed Switch with Wide Operating Temperature
CV3-M1024	1024-Channel Central Management Software

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