Full HD Ultra-mini Vandal Dome

Superb Full HD Outdoor Professional Surveillance

PLANET ICA-5250 PoE IP Camera 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 25 frames per second (fps). The IP66-rated and IK10 vandalproof 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.

Mini Design for Easy Installation

The ICA-5250 is an ultra lightweight IP camera. Its weight and size are light and compact, respectively, thus offering a quick and simple installation on the ceilings or walls inside or outside of houses and buildings. Installation can be finished in less than 60 seconds. Furthermore, it can be manually adjustable for viewing at different angles.

Camera

- 1/3.2" progressive scan CMOS sensor
- 0.5 lux Minimum Illumination at F1.6
- Maximum resolution 1920 x 1080
- Easily-recessed mount design
- Convenient nano-design blends in nicely with any surrounding

Video / Audio

- H.264, MPEG-4 and M-JPEG video compression simultaneously
- Simultaneous Multi-H.264 streams support
- H.264 high profile, main profile and baseline
- Max. Resolution of 1080P at 25fps
- DNR to improve picture quality at low Lux
- WDR Enhancement function strengthens visibility under extremely bright or dark environments

Network and Configuration

- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Supports IPv6 in addition to IPv4
- RTSP / UPnP / 3GPP / HTTPS protocols selectable

Easy Installation & Management

- ONVIF compliant for interoperability
- IP66 and IK10 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
- Digital Input/Output for integration with sensors and alarms
- Cam Viewer 3 Central management software supported
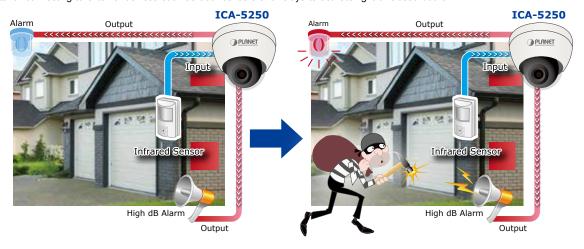
Exceptional Image Quality

Together with powerful image processing attributes like Wide Dynamic Range and Dimension Noise Reduction technology, the ICA-5250 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-5250 supports a number of advanced features to enhance surveillance flexibility and event management capabilities. The advanced features include inputs/outputs for connecting to external devices such as door sensors and relays to activate light or closed doors.
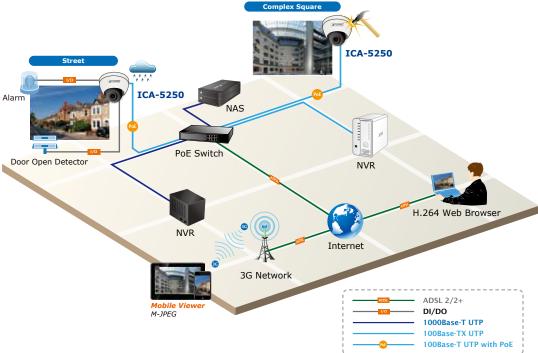

Digital Input /Output

Flexible Installation and Power Functionality

The ICA-5250 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-5250 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-5250 includes 64-CH central management software for efficient monitoring. The ICA-5250 is indisputably the top choice for reliable and high performance surveillance.

Application

PLANET ICA-5250 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-5250 supports 802.3af PoE interface, and facilitates the outdoor surveillance applications without worrying the electric source.

Specifications

Model	ICA-5250
Camera	
Image Device	1/3.2" progressive scan CMOS sensor
Lens	Fixed lens 3.6mm, F1.6 Angle of view : horizontal: 53.13 degrees / vertical: 29.49 degrees
Min Illuminator	Color : 1 Lux (AGC ON) B / W: 0.5 Lux (AGC ON)
Electronic Shutter	Auto, 1 / 5 ~ 1 / 10,000 sec
Effective Pixels	1920 x 1080 pixels
Image	
Video Compression	H.264 / MPEG-4 / M-JPEG
Video Resolutions	H.264: 1080P / 1280 x 720 / 640 x 480 / 320 x 240 / 176 x 144 M-JPEG: 1080P / 1280 x 720 / 640 x 480 / 320 x 240 / 176 x 144 MPEG-4: 1080P / 1280 x 720 / 640 x 480 / 320 x 240 / 176 x 144
Frame Rate	Up to 25fps for Full HD resolution
Image Setting	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Speed adjustable, WDR, Flip, Mirror, Dimension Noise Reduction, White Balance
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)
Network and Configuration	
Network Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX
Protocol	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, HTTPS encrypted data transmission, 802.1X Port-based authentication for network protection, QoS/DSCP
Users	10 clients on-line monitoring at the same time

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, Samba, SD card or email External output activation
General	
Power Requirement	12V DC, 1A IEEE 802.3af Class 3
Power Consumption	Max. 2.52W (12VDC) Max. 3.36W (PoE)
Housing	Weatherproof IP66 and Vandalproof of IK10
Operating Temperature	-20 ~ 50 degrees C
Operating Humidity	5 ~ 95% (non-condensing)
Weight	310g
Dimensions (Φ x L)	80 x 67 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 Micro SD/SDHC card (Max. 32GB, Class 6)

Ordering Information

ICA-5250	Full HD Ultra-mini Vandal Dome IP Camera

Related Products

ICA-4200V	Full HD 20M IR Vari-focal Dome IP Camera
ICA-4500V	5 Mega-pixel 20M IR Vari-focal Dome IP Camera
ICA-5250V	Full HD Vandalproof IR IP Camera
ICA-5350V	3 Mega-pixel Vandalproof IR IP Camera
ICA-5550V	5 Mega-pixel Vandalproof IR IP Camera
ICA-HM132	H.264 2 Mega-pixel 20M IR Vari-focal Dome IP Camera
ICA-HM136	H.264 2 Mega-pixel 20M IR Vandalproof Dome 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-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-5250