

Full HD Ultra-mini Bullet IP Camera



Superior Full HD Grade Video Quality

PLANET ICA-3200 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). It is perfect for remote and discreet monitoring of indoor areas such as homes, small businesses, boutiques, restaurants, hotels, residences, etc.



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
- 2-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 and IPv4
- Built-in Samba client for NAS
- RTSP / UPnP / 3GPP / HTTPS protocols selectable
- 3GPP for 3G mobile remote applications
- Access anytime and anywhere for PLANET easy DDNS

Easy Installation & Management

- ONVIF compliant for interoperability
- Tamper and motion detection for unauthorized changes
- Micro SD card local video recording supported
- Digital Input/Output for integration with sensors and alarms
- Easy configuration and management via Windows-based utility or web interface
- Cam Viewer 3 central management software supported

Mini Design for Easy Installation

The ICA-3200 is an ultra lightweight IP camera in compact size, thus offering a quick and simple installation on the ceilings or walls inside of houses and buildings. Installation can be finished in less than 60 seconds.



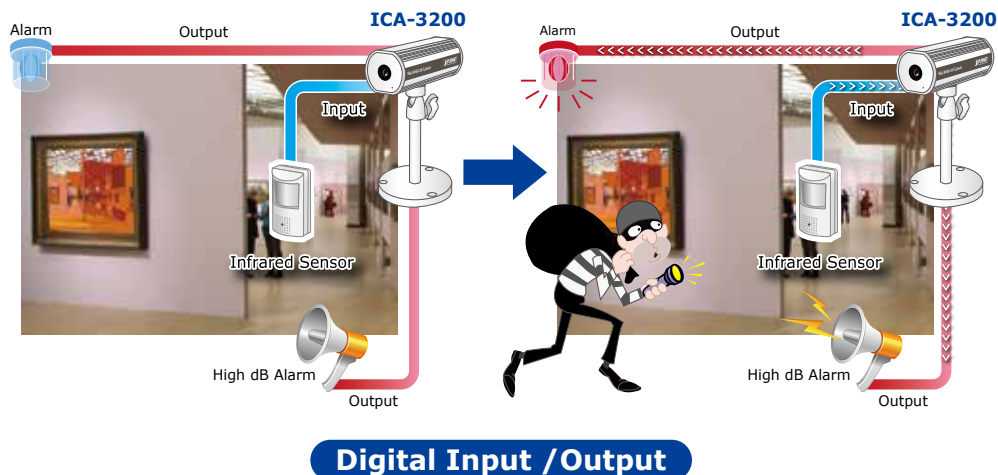
Exceptional Image Quality

Together with powerful image processing attributes like Wide Dynamic Range (WDR) and Dimension Noise Reduction (DNR) technology, the ICA-3200 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-3200 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.



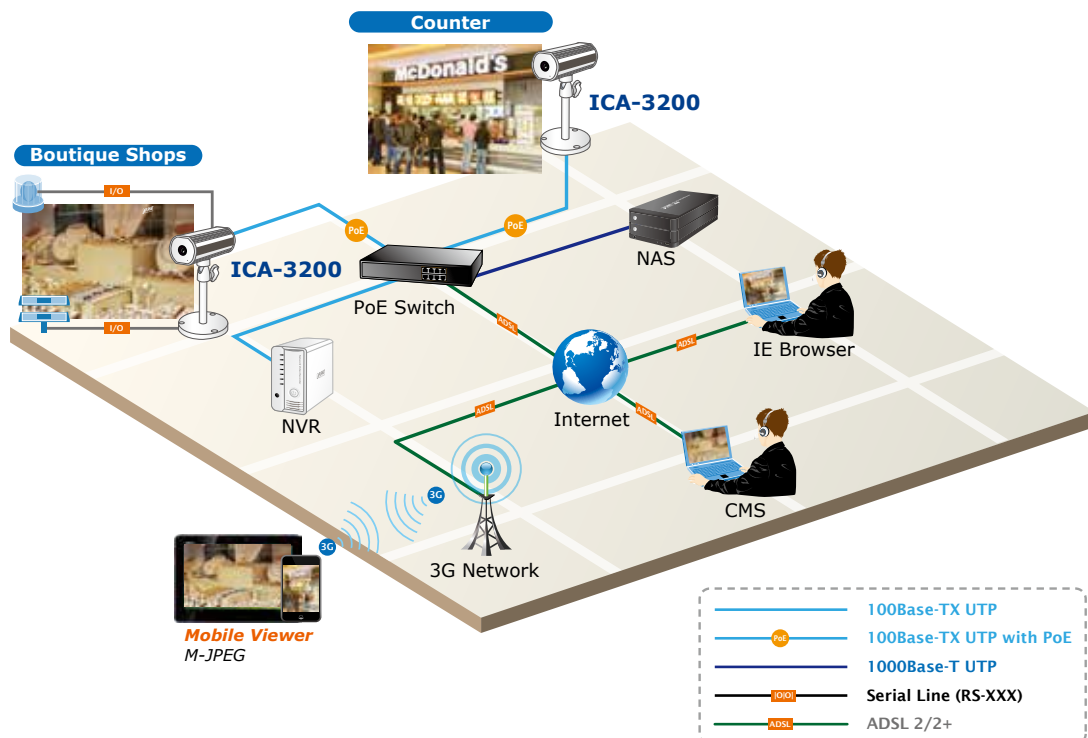
Flexible Installation and Power Functionality

The ICA-3200 incorporates IEEE 802.3af Power over Ethernet technology and can be powered from a PoE Switch or PoE injector via the network, which eliminates the need for power cables and reduces installation costs. The ICA-3200 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-3200 includes 64-CH central management software for efficient monitoring. The ICA-3200 is indisputably the top choice for reliable and high performance surveillance.



Application

PLANET ICA-3200 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-3200 supports 802.3af PoE interface, and facilitates the indoor surveillance applications without worrying the electric source.



Specifications

Model	ICA-3200
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
Video	
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, Sense-Up
Streaming	Simultaneous 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	2-Way audio
Audio Compression	RTSP: G.711 24kbps, G.726 32kbps 3GPP: AMR
Microphone	Built-in microphone input
Audio Output	Adjustable audio output gain
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	IEEE 802.3af Class 3
Power Consumption	Max. 2.88W (PoE)
Operating Temperature	-10 ~ 45 degrees C
Operating Humidity	10 ~ 95% (non-condensing)
Weight	135g
Dimensions (Φ x L)	44 x 100 mm
Emission	CE, FCC
Connectors	10/100 Mbps Ethernet, RJ-45 Terminal block for 1 alarm input, 1 output Factory default reset Micro SD/SDHC card (Max. 32GB, Class 6)

Ordering Information

ICA-3200	Full HD Ultra-mini Bullet 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
CV3-M1024	1024-Channel Central Management Software
ICA-3250V	Full HD Outdoor IR PoE IP Camera
ICA-3350V	3 Mega-pixel Vari-focal Bullet IR IP Camera
ICA-3550V	5 Mega-pixel Vari-focal Bullet IR IP Camera
ICA-HM312	2 Mega-pixel 25M IR Outdoor Bullet PoE IP Camera
ICA-HM316	2 Mega-pixel Outdoor IR PoE IP Camera
ICA-HM316W	2 Mega-pixel 11n Outdoor IR IP Camera
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