Ultra-mini Full HD Fixed Dome IP Camera

High-resolution Day and Night Surveillance

PLANET ICA-4200 Network Camera is a high-resolution camera 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). Incorporating the new CMOS image sensor, which is specially designed for surveillance applications, the ICA-4200 provides high quality images under all lighting conditions. It is perfect for remote and discreet monitoring of indoor areas such as stores, banks, hotels, office lobbies, and warehouses.

Exceptional Image Quality

Together with powerful image processing attributes like Wide Dynamic Range and 2D Digital Noise Reduction (2DNR) technology, the ICA-4200 is able to filter the intense backlight surrounding a subject and remove noises from video signal. It brings an extremely clear and exquisite picture quality even under any challenging lighting conditions.

Camera

- 1/2.5" 2 mega-pixel progressive scan CMOS sensor
- 3.6 mm fixed lens
- 0.5 lux minimum illumination at F1.8
- Maximum resolution 1920 x 1080

Video / Audio

- Simultaneous H.264, MPEG-4 and M-JPEG video compressions
- Simultaneous multi-stream support
- Max. resolution 1080p at 30fps
- 2DNR to improve picture quality at low lux
- WDR Enhancement for enhancing visibility under extremely bright or dark environments

Network and Configuration

- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Auto MDI/MDI-X supported
- Supports both IPv6 and IPv4
- RTSP / UPnP / HTTP / HTTPS protocols selectable

Easy Installation & Management

- ONVIF compliant for interoperability
- Built-in Samba client for NAS
- Micro SD card for local video recording supported
- Digital Input for integration with sensors and events
- PLANET Smart Discovery Lite, Cam Viewer 3 central management software supported

Advanced Event Management

To enhance surveillance flexibility and event management capabilities, the ICA-4200 supports a number of advanced features including auto-exposure to avoid over exposure, and inputs to connect with external devices such as door sensors to trigger the event servers. Users can save consecutive videos in local storage and events on memory card and thus you never have to miss an important moment.

Flexible Installation and Power Functionality

The ICA-4200, incorporating IEEE 802.3af Power over Ethernet standard, is able to be powered via the network cable from a PoE power sourcing equipment such as PoE switch and PoE injector. It thus eliminates the need for extra power cables and reduces installation costs while increases the deployment flexibility. In addition, the ICA-4200 is ONVIF compliant and therefore it is interoperable with other manufacturers' products. It also includes 64-ch central management software for ease of maintenance and remote monitoring. The ICA-4200 is indisputably the top choice for reliable and high performance surveillance.
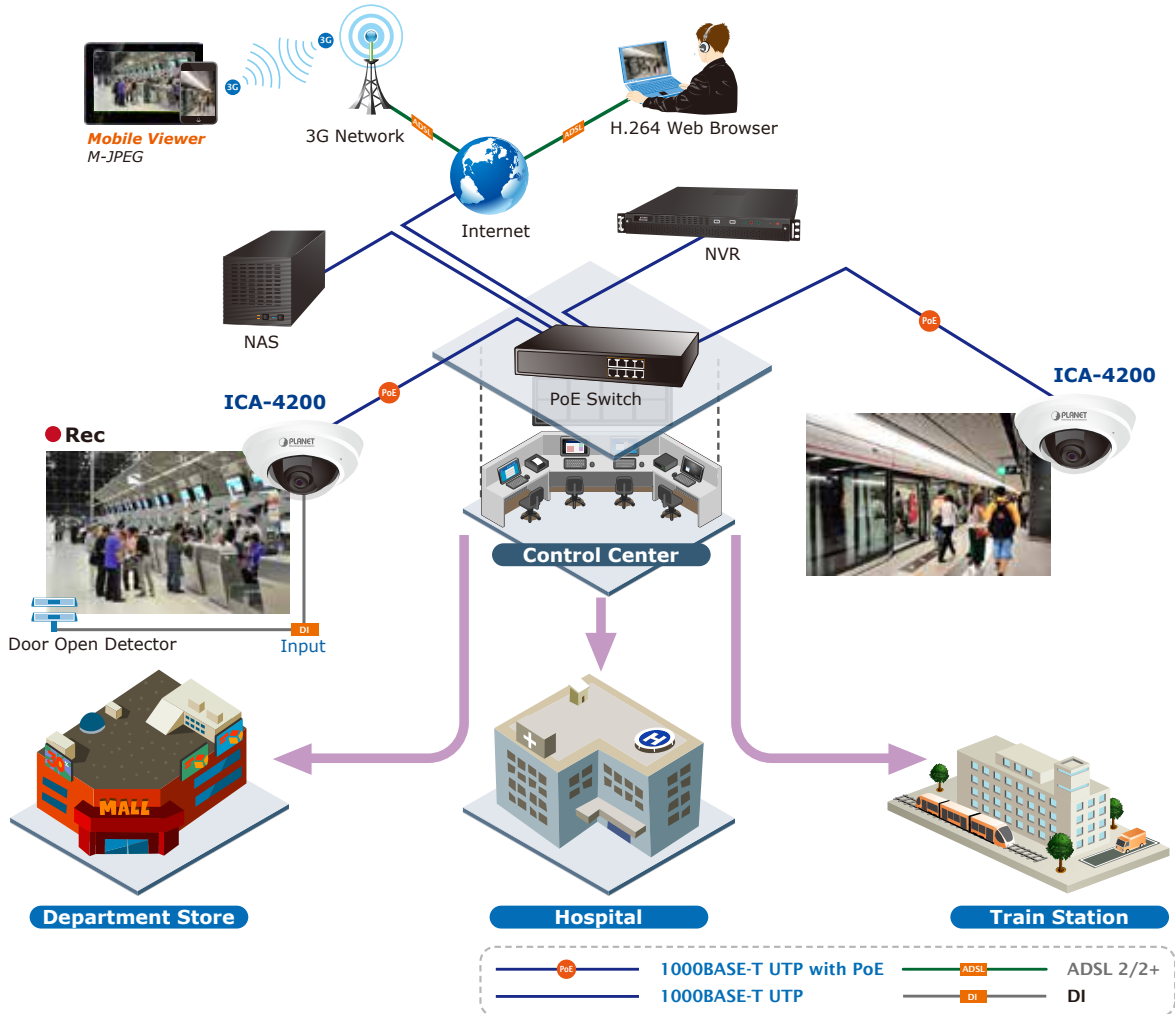
Applications

PLANET ICA-4200 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-4200 supports 802.3af PoE interface, and facilitates the indoor surveillance applications without worrying the electric source.

Its Save-to-NAS and Save-to-SD card makes you easy to save your data. Besides, NVR and Web UI management make you easy to do the configuration and live viewing. Moreover, viewing your baby on your smart phone would give you a peace of mind.
With so many features offered, the ICA-4200 no doubt is your best choice for indoor surveillance solution.

Specifications

Model	ICA-4200
Camera	
Image device	1/2.5" 2 mega-pixel progressive scan CMOS sensor
Lens	3.6 mm fixed lens **Angle of view:** H: 60.79 degrees V: 36.52 degrees D: 67.88 degrees
Min. Illumination	0.5 lux @ F1.8
Effective Pixels	1920 x 1080 pixels
Image	
Video Encoder	H.264 / MPEG-4 / M-JPEG
High Resolution Mode	H.264@ 1080p MPEG4@ 1080p MJPEG@ D1
Frame Rate	Up to 30fps for all resolutions
Image Setting	Brightness, sharpness, contrast, saturation, mirror, AWB, WDR, BLC, text, time and image overlay
Streaming	Simultaneous multi-profile streaming Streaming over UDP, TCP, HTTP, or HTTPS M-JPEG streaming over HTTP Controllable frame rate and bandwidth Constant and variable bit rate (H.264)
Audio	
Audio Streaming	Built-in microphone
Audio Compression	G.711
Audio Input	Adjustable audio input gain
Network and Configuration	
Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af
Protocol	TCP/IP, IPv4, IPv6, UDP, ICMP, DHCP, NTP, DNS, PLANET DDNS/PLANET Easy DDNS, SMTP, FTP, HTTP, HTTPS, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP
Security	Password protection, IP address filtering, HTTPS, QoS/DSCP
Users	5 clients on-line monitoring at the same time
System Integration	
Application Programming Interface	Open API for software integration ONVIF Compliant
Alarm Triggering	Intelligent video motion detection and external input 3-zone video motion detection
Alarm Events	File upload via SD card, FTP, email and SAMBA.
Video Buffering	Configurable Pre/Post alarm buffering
General	
Power Requirements	IEEE 802.3af Class 3
Power Consumption	4W max.
Operating Temperature	-10 ~ 45 degrees C
Operating Humidity	20 ~ 80% (non-condensing)
Weight	180g
Dimensions (Φ x L)	95 x 50 mm
Emission	CE, FCC
Connectors	10/100 Mbps Ethernet, RJ45 Built-in microphone Digital in Micro SD/SDHC card slot (Max. 32GB, Class 10) Factory default reset button

Ordering Information

ICA-4200	Ultra-mini Full HD Fixed Dome IP Camera

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-4130S	HD Ultra-mini SIP PoE IP Camera
ICA-4150	720P IR Dome PoE IP Camera
ICA-4200V	Full HD 20M IR Vari-focal Dome IP Camera
ICA-4230S	Full HD Ultra-mini SIP PoE IR IP Camera
ICA-4210P	60fps Full HD IR IP Camera with Remote Focus and Zoom
ICA-4500V	5 Mega-pixel 20M IR Vari-focal Dome IP Camera
NVR-820	8-Ch Network Video Recorder with HDMI
NVR-915	9-Ch Network Video Recorder
NVR-1615	16-Ch Network Video Recorder
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
FGSW-1816HPS	16-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Web Smart Ethernet Switch
FSD-504HP	4-Port 10/100Mbps 802.3af/at PoE + 1-Port 10/100Mbps Desktop Switch (60 watts)
GS-4210-24P2S	24-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch
GSD-908HP	8-Port 10/100/1000T 802.3at PoE + 1-Port Gigabit Desktop Switch

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