Ultra-mini HD SIP PoE IP Camera

Compact Design Solution with SIP-based IP Surveillance

PLANET ICA-4130S Ultra-mini IP Camera with PoE is designed for easy installation with versatile functions. The camera features 1.3 mega-pixel CMOS sensor and supports H.264, MPEG-4, and M-JPEG compression formats to deliver excellent picture quality for different applications. Integrated with SIP/VoIP protocol, the ICA-4130S provides more aggressive and efficient solution to dealing with event triggers via video phone. It is perfect for remote and discreet monitoring of indoor areas such as homes, small businesses, boutiques, stores, offices, communities, restaurants, hotels, residences, healthcare facilities, etc.

Day & Night Surveillance

The ICA-4130S brings the clearest vision at night by featuring 0.5 lux illumination and day/night mode switching. It offers color, and black and white pictures both in the daytime and nighttime with the built-in CMOS sensor supporting up to 5~10 meters. The ICA-4130S also provides exposure settings like exposure level, exposure time for more flexible adjustment.

Camera
- SIP 2.0 (RFC3261) compliant
- Monitor status of remote site via video phone, SIP embedded mobile phone or PC aggressively at any time
- 1/2.5" progressive 1.3 mega-pixel CMOS sensor
- 3.6mm Fixed Lens provides 96 degrees horizontal / 72 degrees vertical angle of view
- 0.5 lux minimum illumination at F1.2
- Maximum resolution 1280 x 960

Video / Audio
- H.264 / MPEG-4 and M-JPEG video compression simultaneously
- Simultaneous multi-stream support
- H.264 high profile, main profile and baseline
- Max. resolution 1280 x 960 at 30fps
- 3DNR to improve picture quality at low lux
- Supports E-PTZ advanced function
- Built-in microphone

Network and Configuration
- Compliant with IEEE 802.3af PoE
- RTSP / UPnP / HTTPS protocols selectable
- PLANET DDNS / easy DDNS support

Easy Installation & Management
- 3-axis mechanical design
- ONVIF compliant for interoperability
- Motion detection, privacy mask and image snapping
- Intelligent motion / audio / network disconnect / tamper detection alarm triggers
- Watermark prevents video from tampering
- Micro SD/SDHC card local video recording supported
- Easy configuration and management via Windows-based utility or web interface

Day & Night

Exceptional Image Quality

Together with powerful image processing attributes like Backlight Compensation (BLC) and 3D Digital Noise Reduction (3DNR) technology, the ICA-4130S is able to adjust the exposure of the entire image to properly expose the subject in the foreground and remove noises from video signal. Thus, it brings an extremely clear and exquisite picture quality even under any challenging lighting conditions.
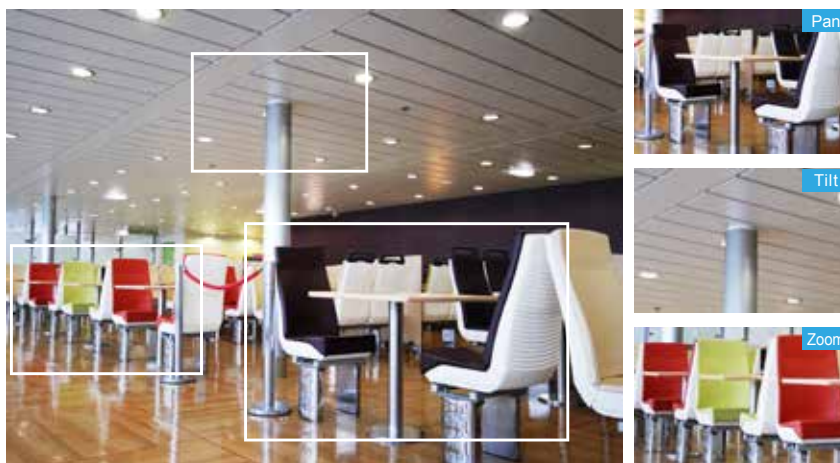

Backlight Compensation

Live View with E-PTZ

The E-PTZ function built-in with the ICA-4130S enables users to capture the full image in the record while doing PTZ digitally on live view. Users can instantly manipulate the view and can zoom and move about the webcam image with no delay. Meanwhile, there is never a queue since the camera does not need to move when compared with PTZ camera.

Electronic Pan/Tilt/Zoom (E-PTZ)
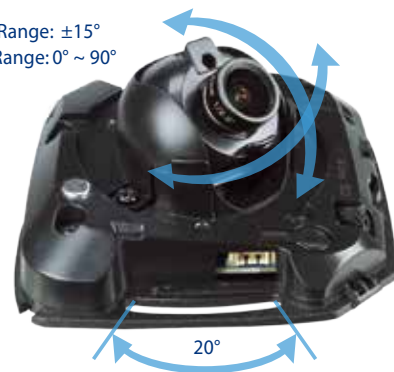
Advanced Event Management

The ICA-4130S features industry-led SIP/VoIP for audio, alarm, intercom and video streaming for mobile phones and video phones. When the event is triggered, the administrator can receive alarm, video even audio via video phones. Besides, the administrator is able to view status of remote site via video phone, SIP embedded mobile phone, smart phone, PC… aggressively at any time. With this function, the ICA-4130S provides more instant, efficient response method to deal with events or prevent events from happening, when compared with other even actions (FTP, Email, SD Card, etc.).

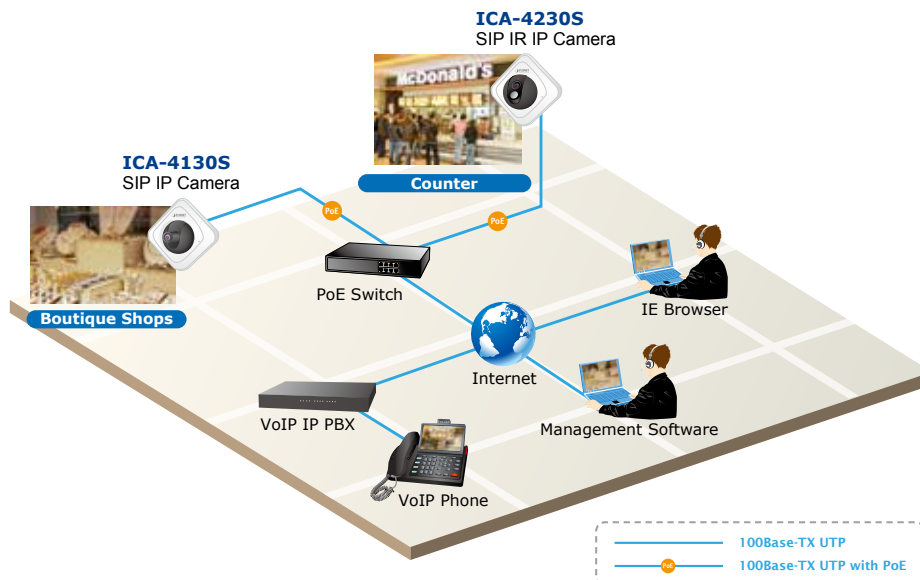## Flexible Installation and Power Functionality

The ICA-4130S incorporates IEEE 802.3af Power over Ethernet standard and 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. The ICA-4130S is ONVIF compliant and interoperable with other brands in the market. Moreover, the camera features 3-axis mechanical design for fast and easy adjustment of the camera's viewing angle, allowing you to precisely position the camera. The ICA-4130S is indisputably the ideal choice for reliable and high performance surveillance.
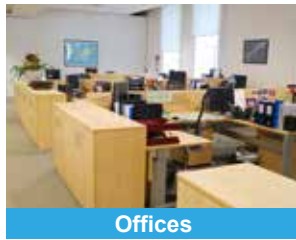
Pan Range: ±15°
Tilt Range: 0° ~ 90°

20°

Applications

PLANET ICA-4130S is a highly cost-effective network camera designed for security monitoring. It provides clear identification of objects and people, so it perfectly satisfies surveillance needs from all aspects such as small businesses, boutiques, offices, communities, restaurants, hotels, residences, health care facilities, etc.

ICA-4230S
SIP IR IP Camera

Counter

ICA-4130S
SIP IP Camera

Boutique Shops

PoE Switch

IE Browser

Internet

VoIP IP PBX

Management Software

VoIP Phone

100Base-TX UTP
100Base-TX UTP with PoE

Offices

Hotels

Boutique Stores

Community

Health Care Facilities

Restaurants

Camera Tampering and Audio Detection

Provided with individually configurable motion detection zones, the ICA-4130S can record video or trigger alarms and alerts when motion is detected in user-specified areas of the camera image. Also, its built-in microphone enables the system to capture the sound that is within camera's surveillance range. The system will trigger the audio detection alarm when sounds like screams, glass breaking, etc. are detected.

Tamper Detection

Audio Detection

Specifications

Model	ICA-4130S
Camera	
Image device	1/2.5" progressive 1.3 mega-pixel CMOS sensor
Focal Lens	Fixed lens 3.6mm, F1.2 Angle of view : horizontal: 96 degrees / vertical: 72 degrees
Min Illumination	Color :0.5 lux @ F1.2 B/W: 0.2 lux @ F1.2
Electronic Shutter	Auto, 1/5s ~ 1/100000s
Effective Pixels	1280 x 960 pixels
Video	
Video Encoder	H.264 / MPEG-4 / M-JPEG
Video Resolution	H.264: 1280x960 / 1280x720 / 704x576 / 640x480 / 640x368 / 320x240 / 320x192 M-JPEG: 640x480 / 640x368 / 320x 240 / 320x192 MPEG-4: 640x480 / 640x368 / 320x 240 / 320x192

Frame Rate	Up to 30fps for all resolutions
Video Bit Rate	64kbps~8Mbps (CBR / VBR adjustable)
Image Setting	Brightness / Contrast / Saturation
Streaming	Simultaneously multi-profile streaming Streaming over UDP, TCP, or HTTP Controllable frame rate and bit rate Constant and variable bit rate (MPEG4 / H.264) I-frame Interval
Audio	
Audio Streaming	Built-in microphone
Audio Compression	G.711
Audio Input	Adjustable audio input gain
Network and Configuration	
Network Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3af
Protocol	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, SMTP, UPNP, SIP
Security	Password protection, IP address filtering
Users	5 clients on-line monitoring at the same time
System Integration	
Application Programming Interface	Open SDK/API for software integration ONVIF Compliant
VoIP Standard	SIP 2.0 (RFC3261)
Intelligent Video	Motion dection Privacy mask Backlight compensation 3D Noise Reduction
Alarm Triggers	Motion detection Network disconnect Tampering detection Audio detection
Alarm Events	FTP upload, email upload, SD Card record and SIP Phone
Environment	
Power Requirements	IEEE 802.3af (Class 2)
Power Consumption	Max. 4W (PoE)
Operating Temperature	-10 ~ 60 degrees C
Operating Humidity	0 ~ 90% (non-condensing)
Weight	125g
Dimensions (W x D x H)	85 x 85 x 46.1 mm
Connectors	10/100Mbps Ethernet, RJ-45 Micro SD/SDHC card slot (Max. 32GB, Class 6)
Emission	CE, FCC

Ordering Information

ICA-4130S	HD Ultra-mini SIP PoE IP Camera

Related Products

ICA-3110	HD Ultra-mini Bullet IR IP Camera
ICA-3200	Full HD Ultra-mini Bullet IP Camera
ICA-4230S	Full HD Ultra-mini SIP PoE IR IP Camera
ICA-5150	HD Ultra-mini Vandal Dome
ICA-5250	Full HD Ultra-mini Vandal Dome
ICF-1700	Touch Screen Internet Multimedia Phone
IPX-330	Internet Telephony PBX System
IPX-2100	Internet Telephony PBX System
IPX-2500	Internet Telephony PBX System
FSD-504HP	4-Port 10/100Mbps 802.3af/at PoE + 1-Port 10/100Mbps Desktop Switch (60 Watts)
FSD-804PS	8-Port 10/100Mbps with 4-Port PoE Web Smart Ethernet Switch
FNSW-1608PS	16-Port 10/100Mbps with 8-Port PoE Web Smart Ethernet Switch

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