

2Mega-Pixel Outdoor IR PoE IP Camera



The ICA-HM316, 25 meters IR / Vari-Focal Outdoor PoE IP Camera, supports the highest video compression – H.264, which provides small video size and save you lots of bandwidth usage. The new video compression is the best solution for Internet video transmission.

Dual Streaming / Multi Profiles

The Multi-Profile function enables the ICA-HM316 to generate H.264 / MPEG-4 / M-JPEG streaming simultaneously to differentiate users in different resolutions. This state-of-the-art design is considerable to fit in various network environments. The ICA-HM316 provides 2-Way audio function for surveillance. It can remotely talk to anyone at the ICA-HM316 site with additional speaker connected to the camera.

PoE Support Enables Installation Anywhere

Compliant with IEEE 802.3af PoE interface, the ICA-HM316 can be located in places where there are no power outlets. Through Power over Ethernet function and with UPS installed in the network center, the administrators are fearless of any power breakdown.

Vari-Focal IR Lens

With water-proof & Vari-Focal IR lens, the ICA-HM316 meet various demand of installations, for instance, traffic monitoring on two more lanes or focus on one specified lane. The IR function makes the monitoring 24/7 both in day and night.

Day & Night Operations

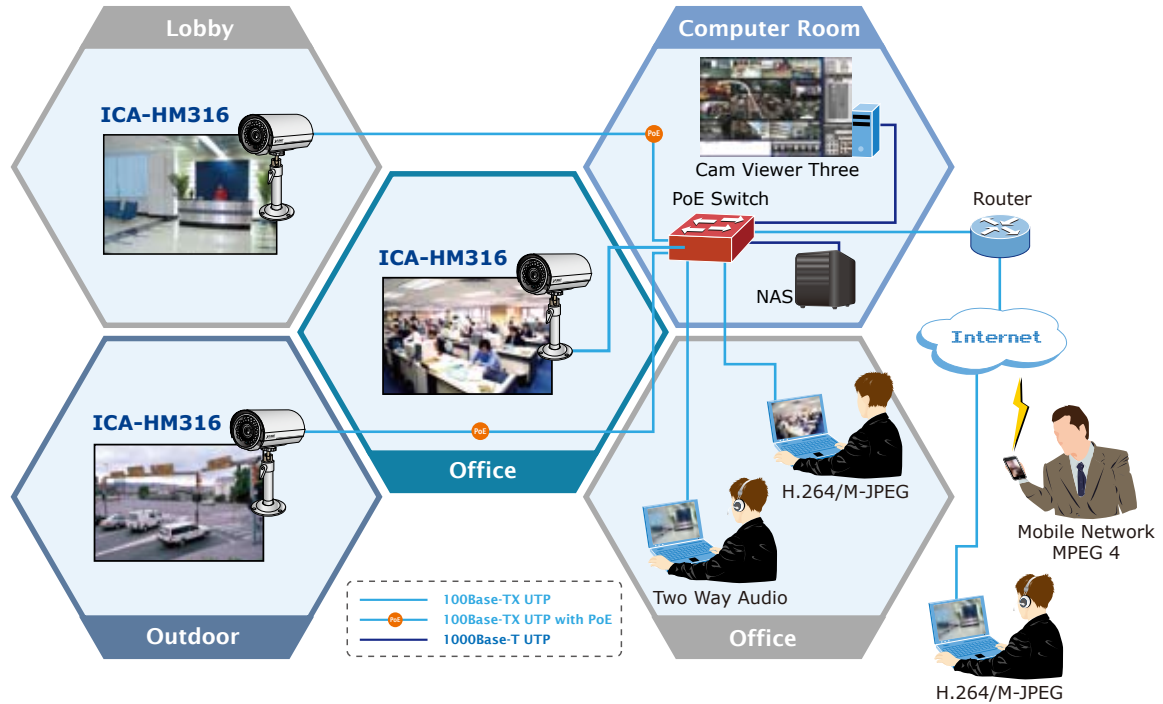
The ICA-HM316 features zero-lux illumination. Its 35 IR illuminators built around the lens bring the clearest vision at night. Via the new LED technology, the illuminator ensures high-quality monochrome images in complete darkness up to 25 meters. With the aluminum rugged all-weather waterproof housing, the ICA-HM316 performs reliable operation in any environment. It can work with the PLANET Cam Viewer 3 Lite/Pro Management software and Network Video Recorder products for various field demands in surveillance network.

KEY FEATURES

- 2Mega-Pixel COMS Sensor with Vari-Focal Lens in 25 meters IR distance
- IR-Cut filter brings better video quality both in the daytime and nighttime
- Supports H.264, MPEG-4 and M-JPEG video compression
- Compliant with IEEE 802.3af PoE interface
- IP-66 protection for outdoor application
- Motion Detection feature can monitor any suspicious movement in specific area
- 2-Way audio supported with external speaker and microphone
- DDNS, PPPoE and FTP upload supports more alternatives in surveillance network
- Easy configuration and management via Windows-Based utility or web interface
- Supports 3GPP and JAVA for iPhone and Windows mobile for remote view
- Supports ONVIF v1.02 / v1.01 standard

APPLICATIONS

PLANET ICA-HM316 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-HM316 supports 802.3af PoE interface, it facilitates the outdoor surveillance applications without worrying the electric source.



SPECIFICATION

Product	2Mega-Pixel Outdoor IR PoE IP Camera
Model	ICA-HM316
Camera Specification	
Image Device	1/3.2" 2Mega-Pixel CMOS Sensor
Effective Pixels	1600 x 1200 pixels
Sensitivity	0.5Lux
Lens	3.6 ~ 16mm Vari-Focal lens with auto iris and IR cut filter/ F1.2
Illuminator	0 Lux IR on
View Angle	H: 20.8~75.4 Degree V: 15.7~54.9 Degree
Video Specification	
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)
Video Profile	12 profiles simultaneously - H.264: UXGA / 720p / SXGA / VGA / QVGA / QCIF - M-JPEG: UXGA / 720p / SXGA / VGA / QVGA - MPEG4: QCIF (Only for 3GPP)
Frame Rate	UXGA Up to 15fps SXGA Up to 22fps HD-720p / SVGA / VGA / QVGA / QCIF Up to 30fps
Image Setting	Brightness, sharpness, contrast, AGC, BLC, Night Mode Text, time and date overlay
Streaming	Simultaneously multi-profile streaming M-JPEG streaming over HTTP Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (MPEG4 / H.264)

Audio Specification	
Audio Encoder	RTSP:G.711 3GPP:AMR
Audio Streaming	One-Way or Two-Way
Microphone	External microphone input
Audio Output	Phone Jack
Network Specification	
Network Standard	IEEE 802.3 / IEEE 802.3u
Supported Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, 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
Video Buffer	Pre- 5sec and post- 10 sec alarm buffering
General	
Power Supply	12V DC external power adapter
PoE Standard	IEEE 802.3af
PoE Consumption	Max 10.8 W when IR LED ON Max 7.7 W when IR LED OFF
Illumination LED	IR LEDS
IR LED	Infrared LED x 35pcs
IR Wavelength	850nm
IR Distance	25M
Power Consumption	IR on: 6.84W IR off: 4.8W
Protection Class	IP-66 classification
Operating Temperature	-20 ~ 50 Degree C
Viewing System	
OS	Windows® XP, Vista 32bit, Win7 32bit, Server 2003
Browser	IE 6.0 or latter
Cell Phone	With 3GPP player
Video Player	VLC, Quick Time, Real Player
Software	
Monitor/ Recording / Management	PLANET CV3P (4-ch Cam Viewer 3 Pro Trial Version) PLANET CV3L (64-ch Cam Viewer 3 Lite Bundle Version)
Search & Installation	PLANET IP Installer

ORDERING INFORMATION

ICA-HM316	2 Mega-Pixel Outdoor IR PoE IP Camera
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RELATED PRODUCTS

ICA-HM316W	2 Mega-Pixel 11n Outdoor IR IP Camera
ICA-HM136	H.264 2Mega-Pixel 20M IR Vandal Proof Dome IP Camera
FSD-804PS	8-Port 10/100Mbps with 4-Port PoE Web Smart Ethernet Switch
FGSW-2620PVM	24-Port 10/100Mbps + 2- Gigabit TP/SFP Managed PoE Switch
Professional / Central Management Software	
CV3P-4/8/16/36/64	4 ~ 64 Ch Cam Viewer 3 Professional Version