

H.264 2Mega-Pixel Fish-Eye Panorama IP Camera



PLANET ICA-HM835 is the new H.264 2Mega-Pixel Fixed Dome IP camera featuring a Fish-Eye lens for 360 degree panoramic wide angle view without blind spot. The ICA-HM835 delivers clear image through Multi-streaming H.264 and Motion JPEG video up to UXGA (1600 x 1200 pixels). The panorama function with quad view enables images from four different angles to display simultaneously for monitoring and recording.

The ICA-HM835 digital Pan/Tilt and zoom function can provide users 7 different video modes including:

- Quad view
- 360° Source image
- 180° double broad view
- 360° source view with 3 PTZ
- 360° broad view with 2 PTZ
- 180° source view with 3 PTZ
- 180° broad view with 2 PTZ

Furthermore, the ICA-HM835 applies perspective correction software to eliminate the rounding that normally associated with Fish-Eye lenses and thus save lots of traditional mechanical Pan/Tilt maintenance cost. The ICA-HM835 is the perfect choice for outdoor surveillance system by providing IP-66 certified water-proof protection. The vandal-proof design with die-cast aluminum body prevents the intentional destruction. Water-resistant construction with weather-proof solid housing performs reliable operation in any environment.

The ICA-HM835 has built-in ICR (IR-cut filter Removable) for day / night surveillance and is compatible with IEEE 802.3af PoE (Power over Ethernet) for easy installation without concerning the outlet / socket locations. In addition, the ICA-HM835 provides surveillance functions including DI/DO alarm, MicroSD card support for local storage, and 2-Way audio that enables audio communication between local and remote ICA-HM835 sites by connecting the external microphone and speaker.

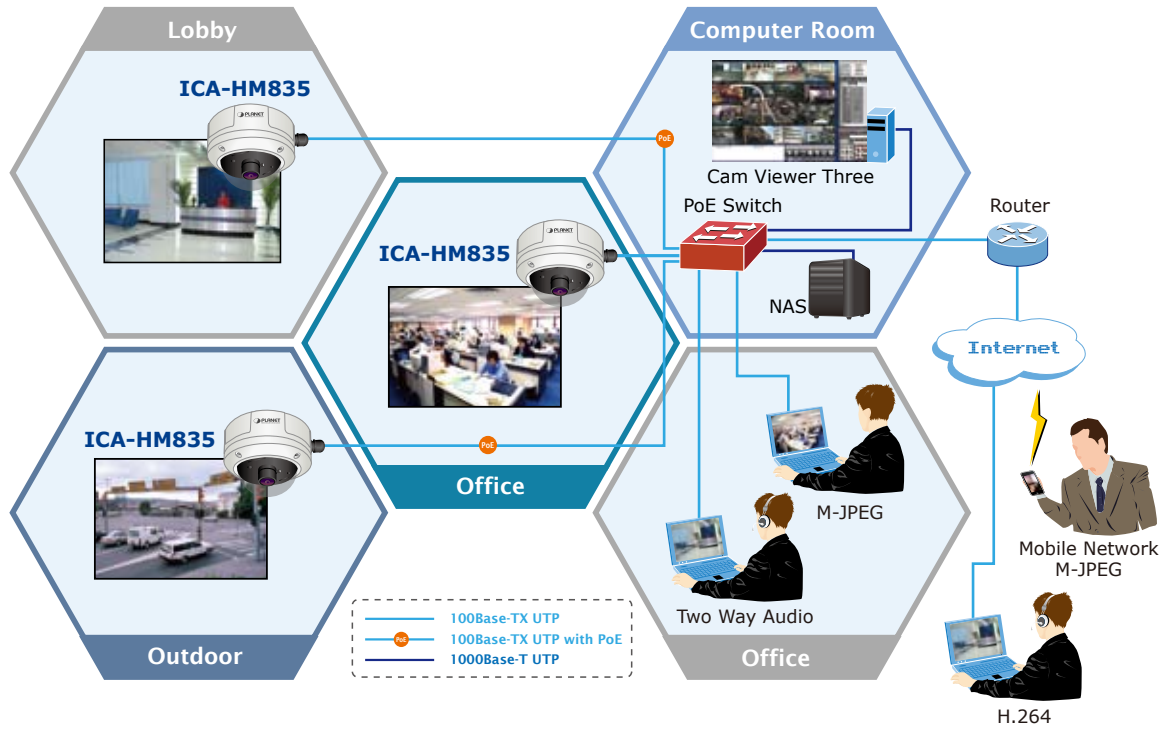
The ICA-HM835 is the perfect panoramic surveillance application for the hallway, stores and offices so customers do not need to install multiple IP cameras and thus save lots of installation and maintenance cost. Moreover, the ICA-HM835 can be managed by PLANET Cam Viewer 3 IP Surveillance management software for multi-camera video surveillance application and provide monitoring, recording and event management functions to secure your property and life.

KEY FEATURES

- H.264 and M-JPEG Dual Codec
- High quality 2Mega-Pixel CMOS image sensor (maximum up to 1600 x 1200 resolution)
- 360° Fish-Eye panoramic wide angle view
- High performance video decoder to decrease image distortion
- 7 different 360°/180° video modes including digital PTZ function
- Day/Night switch with ICR (IR-cut Filter Removable)
- IP66 for outdoor application
- Two-Way audio support
- MicroSD card for local storage
- External I/O trigger for various surveillance applications
- 10 motion detection areas / E-mail and FTP alert
- IEEE 802.3af Standard PoE Interface
- DDNS and FTP uploading provide more alternatives in surveillance network

APPLICATIONS

PLANET ICA-HM835 is providing various surveillance applications to deliver 360 degree panoramic clear images. It can provide identification of objects and people, perfect for surveillance needs from all aspects such as shop, the mall, lobby, public area and etc.



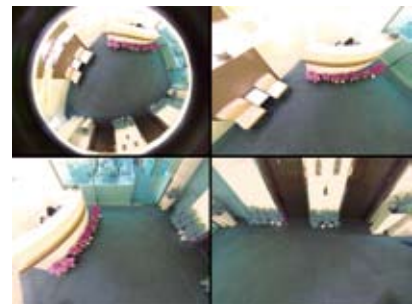
Ceiling Mode



360° Source image



180° double broad view



360° source view with 3 PTZ

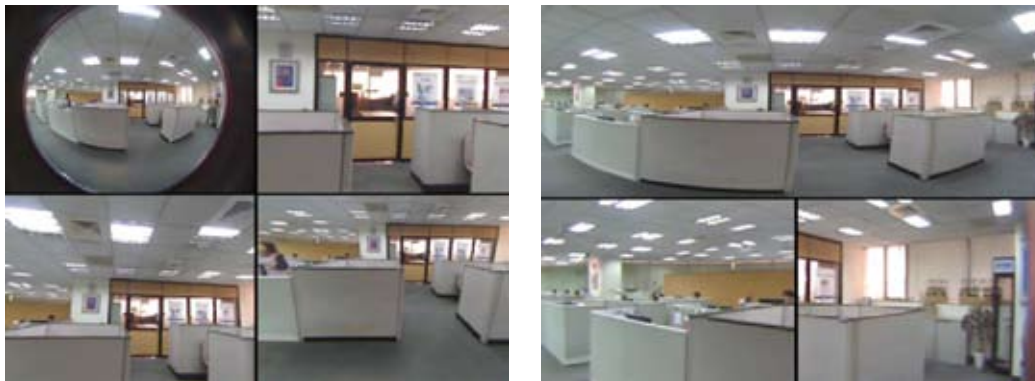


Quad view



360° broad view with 2 PTZ

Wall Mode



Quad view

180° broad view with 2 PTZ

SPECIFICATION

Product	2Mega-Pixel Vandal Proof Fish-Eye IP Camera
Model	ICA-HM835
Video Specification	
Image Sensor	1/3" 2Mega CMOS image sensor
Lens	Fish-Eye Lens, FOV=185° (D/H/V), F=2.0, f=1.25mm
Sensitivity	1.5 Lux @ F2.0
View Angle	H:185 Degree / V:185 Degree / D:185 Degree
Video Encoder	H.264 / M-JPEG
Rate Control	CBR (Constant Bit Rate) / VBR (Variable Bit Rate)
Video Resolution	H.264/M-JPEG UXGA / SVGA / VGA
Frame Rate	UXGA / SVGA / VGA Up to 15fps
Image Control	Brightness, Hue, Saturation, Contrast, Sharpness, Exposure, White balance control, Text, time and date overlay
Audio Specification	
Audio Codec	G.711 u-Law compression
Audio Streaming	One-Way or Two-Way
Microphone	External microphone input
Audio Input	Phone Jack
Audio Output	Phone Jack
Network and Configuration	
Network Interface	1 x RJ-45
Network Standard	IEEE 802.3 / IEEE 802.3u / IEEE 802.3af
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, Bonjour, UPnP
Browser / Software	Microsoft ® Internet Explorer 6.0 or later PLANET Cam Viewer 3 Lite/Pro
Motion Detection	10 areas definable
Environment Specifications	
Local Storage	MicroSD card (excluded), supports SDHC, schedule recording, full over-write
Power Requirement	12V DC, 2A IEEE 802.3af Power over Ethernet
Dimension (φ x H)	144 x 120 mm
Weight	930 g
Power Consumption	Max. 5W
Protection Class	IP-66 classification with Vandal and Weather proof
Operating Temperature	-20 ~ 60 Degree C
Operating Humidity	20 ~ 80% (non-condensing)
Emission	CE, FCC

ORDERING INFORMATION

ICA-HM835	2Mega-Pixel Vandal Proof Fish-Eye IP Camera
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RELATED PRODUCTS

ICA-HM830	H.264 2Mega-Pixel Fish-Eye Panorama IP Camera
ICA-HM136	H.264 2Mega-Pixel 20M IR Vandal Proof Dome IP Camera
ICA-HM131	H.264 Fixed Dome IP Camera
ICA-HM131R	H.264 Real-Time Fixed Dome IP Camera
FGSW-2620PVM	24-Port 10/100Mbps + 2- Gigabit TP/SFP Managed PoE Switch
FSD-804PS	8-Port 10/100Mbps with 4-Port PoE Web Smart Ethernet Switch