

# H.264 2Mega-Pixel 20M IR Vari-Focal Dome IP Camera



PLANET announces new H.264 2Mega-Pixel infrared Vari-Focal Internet Camera, the ICA-HM132, for meeting the next generation demands in worldwide market. The ICA-HM132 is the indoor fixed dome Internet camera and is part of the PLANET H.264 2Mega-Pixel series. Through high performance 2Mega-Pixel CMOS sensor, the ICA-HM132 is also equipped with 2.7mm to 9mm Vari-Focal auto iris lens allowing easy installation and camera angle adjustment. The high performance chipset applied provides the UXGA images at 1600x1200 up to 15 frames per second, and 720p HD images at 1280x720 up to 30 frames per second with Multiple H.264 streams and M-JPEG/MPEG-4 streams that ensure simultaneous real time monitoring and high resolution recording at a lower bandwidth.

The ICA-HM132 features zero-lux illumination. Via the new LED technology, the 18 IR LED built around the lens and it has built-in ICR (IR-cut filter Removable), the ICA-HM132 can provide high-quality surveillance in both day and night up to 20 meters. The ICA-HM132 supports the network and analog video output interfaces for flexible viewing and recording implementations.

Compliant with IEEE 802.3af PoE interface, the ICA-HM132 can be installed in places where there are no power outlets. The ICA-HM132 is built with Store-to-NAS function, therefore it works alone and saves the video files to a NAS directly, which can save the PC resource and keep monitoring the environment with motion detection at 24/7. The ICA-HM132 includes DI/DO alarm application and SD/SDHC card support for local storage application, and supports 2-Way audio that enables audio communication between local and remote ICA-HM132 sites by using the external microphone and speaker.

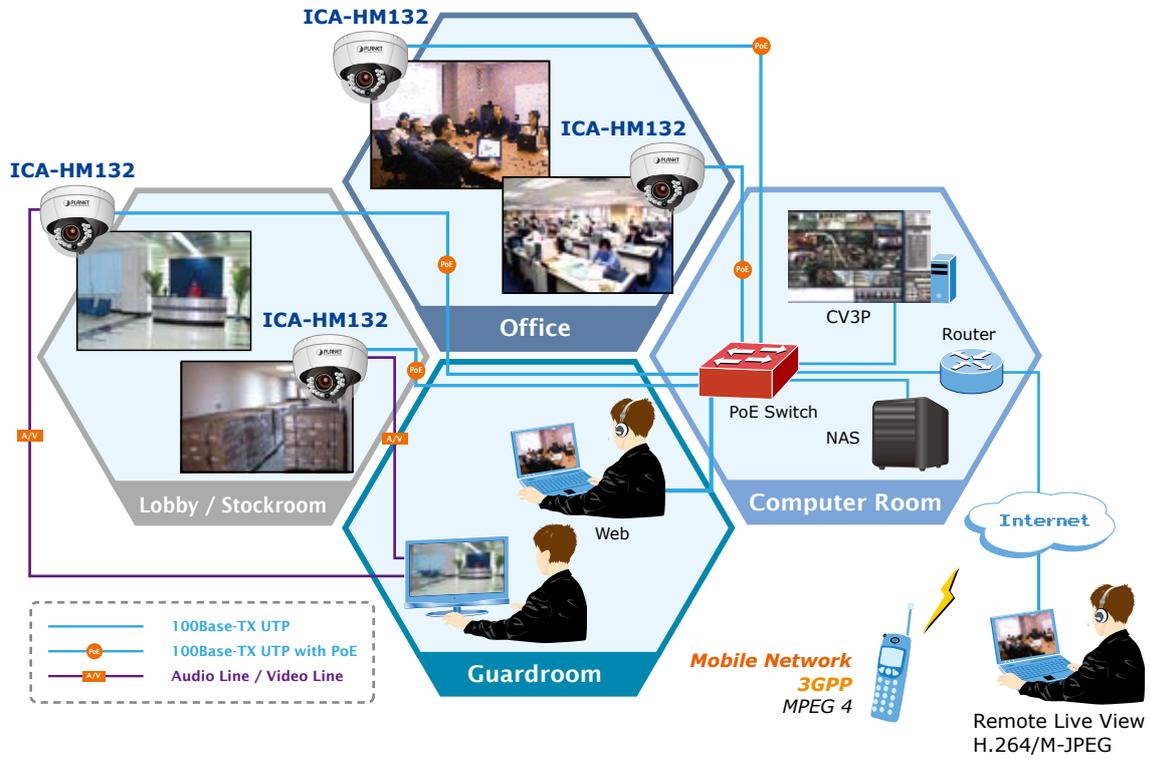
The ICA-HM132 is the perfect surveillance application for the store, office or other indoor environment. It can be managed by PLANET Cam Viewer 3 IP-Surveillance management software or Network Video Recorder (NVR) for multi-camera video surveillance application that provides monitoring, recording and event management functions to secure environment and protect your property and life.

## KEY FEATURES

- High resolution pictures for day and night surveillance with high quality 2Mega-Pixel CMOS image sensor
- Built-in IR LED and visible distance up to 20 meters
- 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
- 2-Way audio supported with external speaker and microphone
- Supports 3GPP and JAVA for remote view via iPhone and Windows mobile phone
- DDNS, PPPoE and FTP uploading offers more alternatives in surveillance network
- Motion Detection feature can monitor any suspicious movement in a specific area
- Easy configuration and management via Windows-Based utility or web browser
- SD card to save recording video and image locally

APPLICATIONS

PLANET ICA-HM132 is providing various surveillance applications to deliver crisp and clear images, perfect for the identification of objects and persons.



**SPECIFICATION**

Product	H.264 2Mega-Pixel 20M IR Vari-Focal Dome IP Camera
Model	ICA-HM132
<b>Video Specification</b>	
Image Sensor	2 Mega-Pixel CMOS image sensor
Lens	2.7 ~ 9mm Vari-Focal lens with auto iris and IR cut filter / F=1.2
Sensitivity	1 Lux
View Angle	H:101~30.4 Degree / V: 75~23 Degree / D: 127.5~38 Degree
IR LED	High light IR LED x 18pcs
IR Wavelength	850 nm
IR Distance	20M
Video Encoder	H.264 / MPEG-4 / M-JPEG
Rate Control	CBR (Constant Bit Rate) / VBR (Variable Bit Rate)
Video Resolution	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 Control	Brightness, Sharpness, Contrast, AGC, BLC, Night Mode Text, Time and date overlay
<b>Audio Specification</b>	
Audio Codec	G.711 / AMR
Audio I/O	Audio in: External Microphone Audio out: External Speaker
Audio Streaming	One-Way or Two-Way
Audio Output	RCA
<b>Network and Configuration</b>	
Network Interface	1 x RJ-45
Network Standard	IEEE 802.3 / IEEE 802.3u / IEEE 802.3af
Network Protocol	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP
Browser / Software	Microsoft ® Internet Explorer 6.0 or later PLANET Cam Viewer 3 Lite/Pro
Motion Detection	3 areas definable
<b>Environment Specifications</b>	
Power Requirement	12V DC, 1A IEEE 802.3af Power over Ethernet
Dimension (H x Ø)	108 x 132 mm
Weight	564 g (gross weight)
Power Consumption	510mA max (IR LED on)
Operating Temperature	0 ~ 50 Degree C
Operating Humidity	20 ~ 80% (non-condensing)
Emission	CE, FCC

**ORDERING INFORMATION**

ICA-HM132	H.264 2Mega-Pixel 20M IR Vari-Focal Dome IP Camera
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**RELATED PRODUCTS**

ICA-HM131	H.264 Fixed Dome IP Camera
ICA-HM131R	H.264 Real-Time Fixed Dome IP Camera
ICA-HM136	2 Mega-Pixel 20M IR Vandal Proof Dome IP Camera