

H.264 Mega-Pixel CMOS Pan/Tilt Internet Camera



The PLANET ICA-HM230 with built-in high performance 1.3Mega-Pixel CMOS sensor delivers high quality image at maximum 1280x1024 resolution. Integrated the next generation video compression technology – H.264, the ICA-HM230 can compress the video size to smaller one for users to transfer the Mega-Pixel image on Internet easily. Multi-profile stands for video stream simultaneously. The ICA-HM230 can generate H.264 / MPEG-4 and M-JPEG streaming to different users at the same time. It allows up to 20 users to access the ICA-HM230 simultaneously. With this state-of-the-art design, the ICA-HM230 is considerable to fit in various network environments.

High-speed motorized structure offers a wide pan range of 355 degrees and tilt range of 100 degrees to be controlled over TCP/IP networks. 180 degree/sec pan speed and 100 degree/sec tilt speed drive the camera move to the preset point faster than normal-speed P/T IP cameras.

The ICA-HM230 features zero-lux illumination. 4 white LEDs built around the lens bring the clearest vision at night. The ICA-HM230 offers color pictures both in the day and night with built-in CMOS sensor supporting up to 10 meters. It also uses new High-Light LED to provide greater performance in the dark and longer life of LED.

Supports Store-to-NAS function, the ICA-HM230 can work alone and save the video file to a NAS directly, which can save the PC resource and keep monitoring the environment with motion detection at 7/24. The ICA-HM230 takes surveillance using 2-Way audio. The administrator can speak to anyone at ICA-HM230 remote site with a speaker connected. Compliant with IEEE 802.3af PoE interface, the ICA-HM230 can be located in places where there are no power outlets.

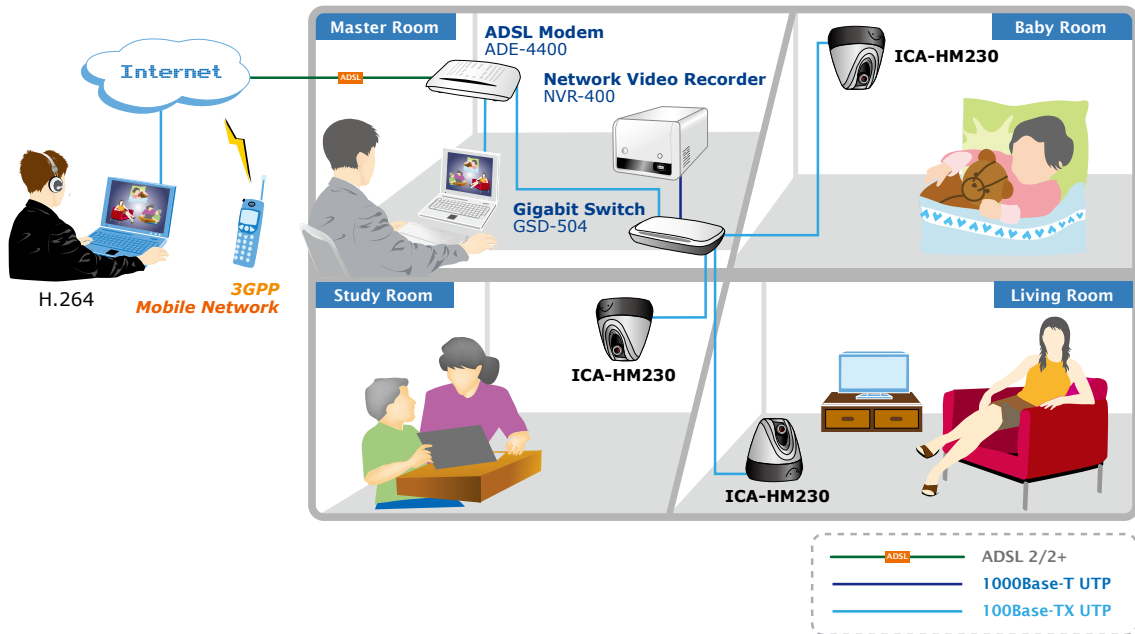
The ICA-HM230 can be managed by PLANET Cam Viewer Plus, the professional management software for multi-camera video surveillance application, to provide monitoring, recording and event management functions. The Cam Viewer Plus enables you to setup a comprehensive and effective surveillance system quickly and easily. With the ICA-HM230 managed by the Cam Viewer Plus, it provides an enhanced professional security environment to protect your property and life.

KEY FEATURES

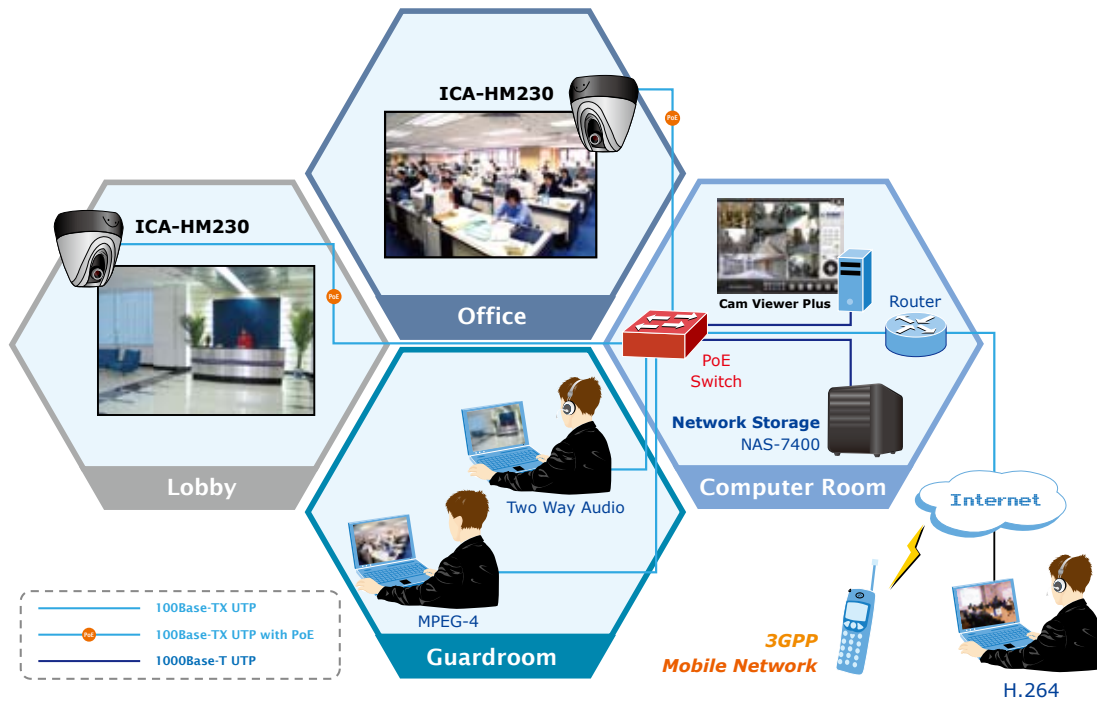
- 1.3Mega-Pixel CMOS sensor built-in
- Offers pan range of 355 degrees and tilt range of 100 degrees to be controlled over network
- 2-Way audio with built-in microphone and can be connected to speaker
- 4 white-light LEDs supporting visible distance up to 10 meter at night
- Multi-profile encoder supports H.264 / MPEG-4 and M-JPEG video compression simultaneously
- 3GPP for 3G mobile remote applications
- Plug-N-Watch that simplifies system integration in existing network environment
- Store-to-NAS function to save video files without operating software
- Easy configuration and management via Windows-based utility or web interface
- DDNS, PPPoE and FTP uploading supports more alternatives in surveillance network
- Motion Detection feature can monitor any suspicious movement in specific area
- Compliant with IEEE 802.3af PoE interface
- Cam Viewer Plus - Central management software supported

APPLICATIONS

Remote monitoring application (Home)



Remote monitoring application (Office)



SPECIFICATION

Product	H.264 Mega-Pixel CMOS Pan/Tilt Internet Camera
Model	ICA-HM230
Video Specification	
Image Sensor	1.3 Mega-Pixel CMOS image sensor
Lens	4.3 mm, F1.8
Scan Method	Progressive
Signal to Noise	44 dB
LED	4 x White-light LED
Video Encoder	H.264 / MPEG-4 / M-JPEG
Rate Control	CBR (Constant Bit Rate) / VBR (Variable Bit Rate)
Video Resolution	H.264 SXGA / VGA / QVGA / QQVGA
	MPEG-4 VGA / QVGA / QQVGA
	M-JPEG SXGA / VGA / QVGA / QQVGA
Frame Rate	Mega-Pixel mode up to 15fps for all resolution
	VGA mode up to 30fps for VGA / QVGA / QQVGA
Image Control	AWB, AES
View Angle	Horizontal: 48 Degree / Vertical: 37 Degree
Audio Specification	
Audio Codec	G.726 / AMR
Audio I/O	Audio in: Internal Microphone / Audio out: External Speaker
Network and Configuration	
Network Interface	1 x RJ-45
Network Standard	IEEE 802.3 / IEEE 802.3u
Network Protocol	TCP/IP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, UPnP, RTSP, PPPoE, 3GPP
Browser / Software	Microsoft ® Internet Explorer 6.0 or later, Cam Viewer Plus Lite/Pro
Motion Detection	4 area definable
Environment Specifications	
Power Requirement	12V DC, 1A
	IEEE 802.3af
Dimension (H x D)	108 x 109 mm
Weight	281g
Power Consumption	5W max (LED on)
Operating Temperature	0 ~ 40 Degree C
Operating Humidity	20 ~ 80% (non-condensing)
Emission	CE, FCC

ORDERING INFORMATION

ICA-HM230	H.264 Mega-Pixel CMOS Pan/Tilt IR Internet Camera
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ACCESSORIES

ICA-OH	Outdoor Housing for ICA-HM230
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