

# H.264 Mega-Pixel Vandal Proof Pan/Tilt IP Camera



The PLANET ICA-HM240 with built-in high performance 1.3Mega-Pixel CMOS sensor delivers high quality image at maximum 1280x1024 resolution. The ICA-HM240 is also a Dome IP Camera with vandal-proof case. The vandal-proof designs with die-cast aluminum body can prevent the artificial destroy. It provides the best solution for installation in harshest conditions and maintains reliable operation in indoor environment.

The ICA-HM240 integrates the H.264 compression technology so it can compress the video file size to smaller one for users being able to transfer the Mega-Pixel images on the Internet easily. The IP camera features multi-profile function and 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-HM240 surveillance simultaneously. With this state-of-the-art design, the iCA-HM240 is considerable to fit in various network environments.

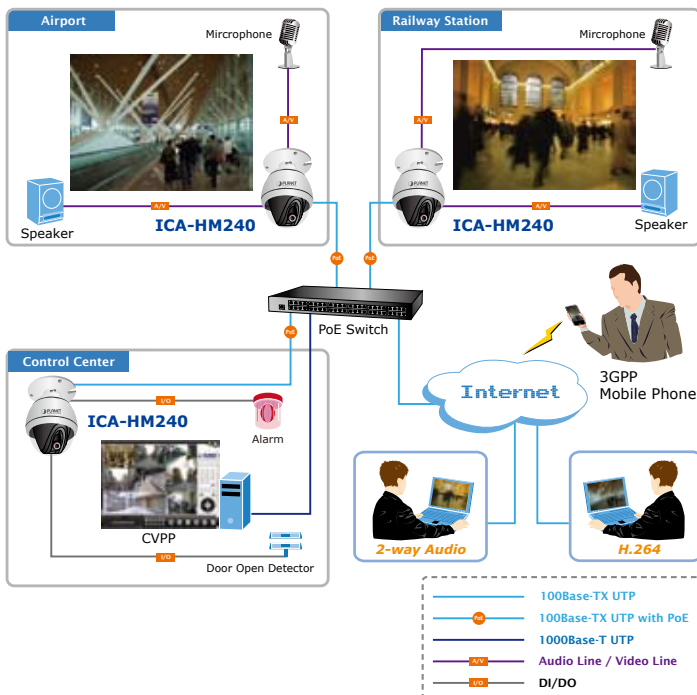
High-speed motorized structure offers a wide pan range of 355 degrees and tilt range of 100 degrees to be controlled over TCP/IP networks. 180 degree/sec pan speed and 120 degree/sec tilt speed drive the camera move to the preset point faster than normal-speed P/T IP cameras.

Supports Store-to-NAS function, the ICA-HM240 can work alone and save the video file to a NAS directly, which saves the PC resource and keep monitoring the environment with motion detection at 24/7. The ICA-HM240 takes surveillance using 2-Way audio. The administrator can speak to anyone at ICA-HM240 remote site with a speaker added. Moreover, compliant with IEEE 802.3af PoE interface, the ICA-HM240 can be located in places where there are no power outlets.

The ICA-HM240 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-HM240 managed by the Cam Viewer Plus, it provides a real professional security environment to protect your property and life.

## APPLICATIONS

### Remote monitoring application



## 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 external microphone and speaker
- 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

**SPECIFICATION**

Product	H.264 Mega-Pixel Vandal Proof Pan/Tilt Internet Camera
Model	ICA-HM240
<b>Video Specification</b>	
Image Sensor	1.3 Mega-Pixel CMOS image sensor
Lens	4.3 mm, F1.8
Scan Method	Progressive
Signal to Noise	44 dB
Manual Pan Degree	180° / second (Maximum)
Manual Tilt Degree	120° / second (Maximum)
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
<b>Audio Specification</b>	
Audio Codec	G.711 / G.726 / AMR
Audio I/O	Audio in: External Microphone Audio out: External Speaker
Audio Output	1 x Line Level out
Microphone	1 x MIC in
Audio Streaming	One-Way or Two-way
<b>Network and Configuration</b>	
Network Interface	1 x RJ-45
Network Standard	IEEE 802.3 / IEEE 802.3u, 10/100Base-TX, Auto MDI, Auto-negotiation
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	10 area definable
<b>Environment Specifications</b>	
Power Requirement	12V DC external power adapter IEEE 802.3af
Dimension (Ø X H)	135 x 230 mm
Weight	2.2 Kg
Protection Class	IP-65 classification with Vandal proof
Operating Temperature	0 ~ 50 Degree C
Operating Humidity	20 ~ 80% (non-condensing)
Emission	CE, FCC

**ORDERING INFORMATION**

ICA-HM240	H.264 Mega-Pixel Vandal Proof Pan/Tilt Internet Camera
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**ACCESSORIES**

ICA-24WM	Wall Mount Bracket for ICA-HM240
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