H.264 Mega-Pixel Box IP Camera

The PLANET H.264 Mega-Pixel Box IP Camera, ICA-HM120 is with the state of the art design which is considerable to fit in various network environments and allows up to 20 users access simultaneously anywhere, anytime. The ICA-HM120 can generate H.264, MPEG-4 and M-JPEG streaming to different users at the same time. Moreover, the resolution can differ from one user to another. Besides web browsers, the ICA-HM120 is also compliant with RTSP and RTP protocol that enables users to remotely view live video via a 3GPP mobile phone.

With an embedded microphone, the ICA-HM120 enables 2-Way audio communications between any of the two sites. The surveillance administrator can remotely talk to anyone at the ICA-HM120 site where a speaker is connected to the ICA-HM120. The ICA-HM120 also uses removable CS mount lens and can be customized with optical zoom, wide angle, vari-focal or other types of lens as required.

Supporting Store-to-NAS function, the ICA-HM120 can work alone and save the video file to a NAS directly. It can save the PC resource and keep monitoring the environment with motion detection at 24/7. Compliant with IEEE 802.3af standard interface, the ICA-HM120 can be located conveniently in places where there are no power outlets.
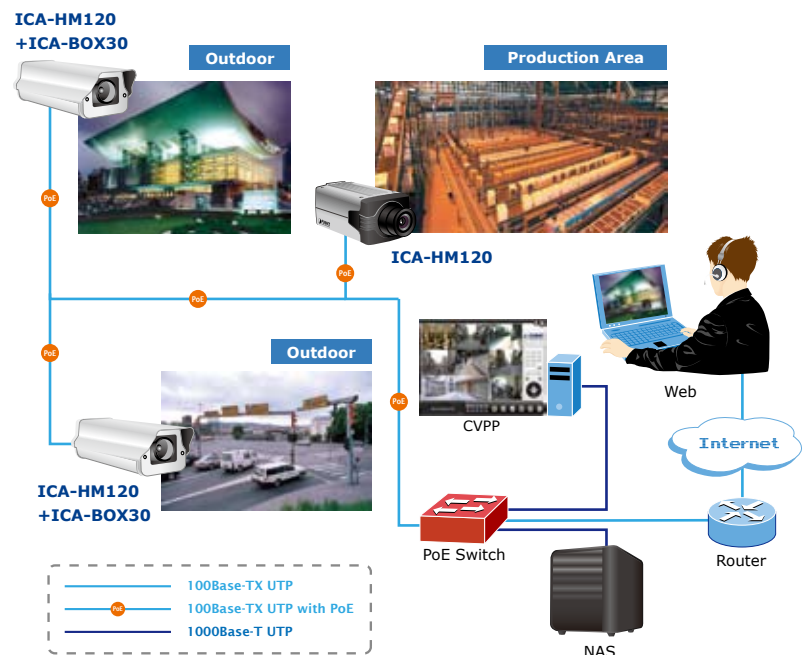
Through managing by the professional management software PLANET Cam Viewer Plus, the ICA-HM120 can be applied in a multi-camera video surveillance system to provide monitoring, recording and event management functions. People can setup a comprehensive and effective surveillance system quickly and easily. Therefore, it brings a real professional security environment to protect people's property and life.
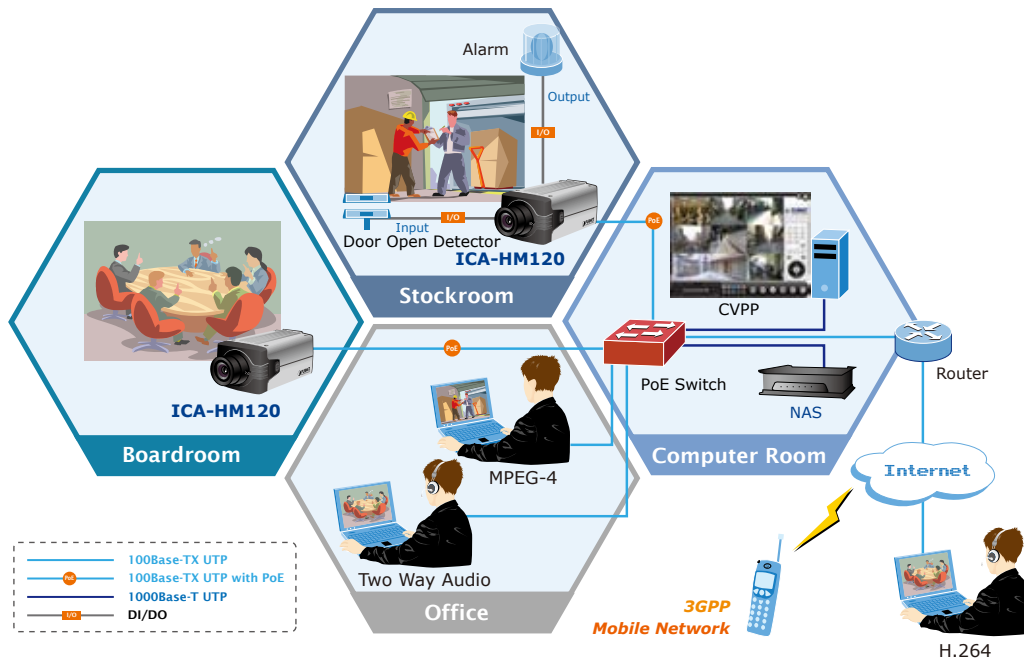
Key Features

- High quality 1.3 Mega-Pixel supported color image sensor (maximum up to 1280 x 1024 resolution)
- Compliant with IEEE 802.3af standard PoE interface
- Built in ICR can be setup via Auto, Threshold, Scheduler and Delay time
- Multi-Profile encoder supports H.264 / MPEG-4 and M-JPEG video compression simultaneously
- External I/O trigger for various surveillance applications
- Store-to-NAS function for video files storage without the need of operating software
- Provides 10 motion detection areas
- 3GPP for 3G mobile remote applications
- C & CS mount lenses support
- 2-Way audio with built-in microphone and adding external speaker
- Cam Viewer Plus - Central management software supported

Applications

Day-and-night vision application with ICA-BOX30

100Base-TX UTP
100Base-TX UTP with PoE
1000Base-T UTP

Remote monitoring for indoor application

SPECIFICATION

Product	H.264 Mega-Pixel Box IP Camera
Model	ICA-HM120
Video Specification	
Image Sensor	1.3 Mega-Pixel image sensor
Lens	4.3 mm, F1.8, C/CS mount
Scan Method	Progressive
Video Encoder	H.264, MPEG-4 and M-JPEG simultaneously
Rate Control	CBR (Constant Bit Rate) VBR (Variable Bit Rate)
Image Control	AWB, AES
Video Resolution	Mega-Pixel mode up to 15fps for all 11 profles VGA mode up to 30fps for all 9 profiles
View Angle*	Horizontal: 48 degree Vertical: 37 degree
Audio Specification	
Audio Codec	G.711, G.726, AMR
Audio I/O	Audio in: Built-in 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 Lite/Pro
Motion Detection	10 areas definable
DIDO	1 x Digital Input 1 x Digital Out (Alarm)
Environment Specifications	
Power Requirement	12V DC, 1A IEEE 802.3af
Dimension (W x D x H)	120 x 60 x 530 mm
Weight	960 g
Operating Temperature	0 ~ 50 Degree C
Operating Humidity	10 ~ 80% (non-condensing)
Emission	CE, FCC

* View angle may vary with different CS-mount lens.

ORDERING INFORMATION

ICA-HM120	H.264 Mega-Pixel Box IP Camera

ACCESSORIES

ICA-BOX30	Outdoor Housing for ICA-HM120

C- ICA-HM120