

## Wired Mega-Pixel CMOS PT IP Camera



The PLANET ICA-M220, built-in high performance 1.3Mega-Pixel CMOS sensor delivers MPEG-4 and M-JPEG dual codec video compression with high quality image at maximum 1280x1024 resolutions. This state-of-the-art design is considerably able to fit in various network environments. The ICA-M220 allows up to 16 users to access simultaneously.

Motorized Pan/Tilt structure in the ICA-M220 offers a wide pan range of 350-degrees and tilt range of 120-degrees to be controlled over TCP/IP networks. It also allows the administrator to remotely speak to anyone at camera site when adding a speaker on ICA-M220 .

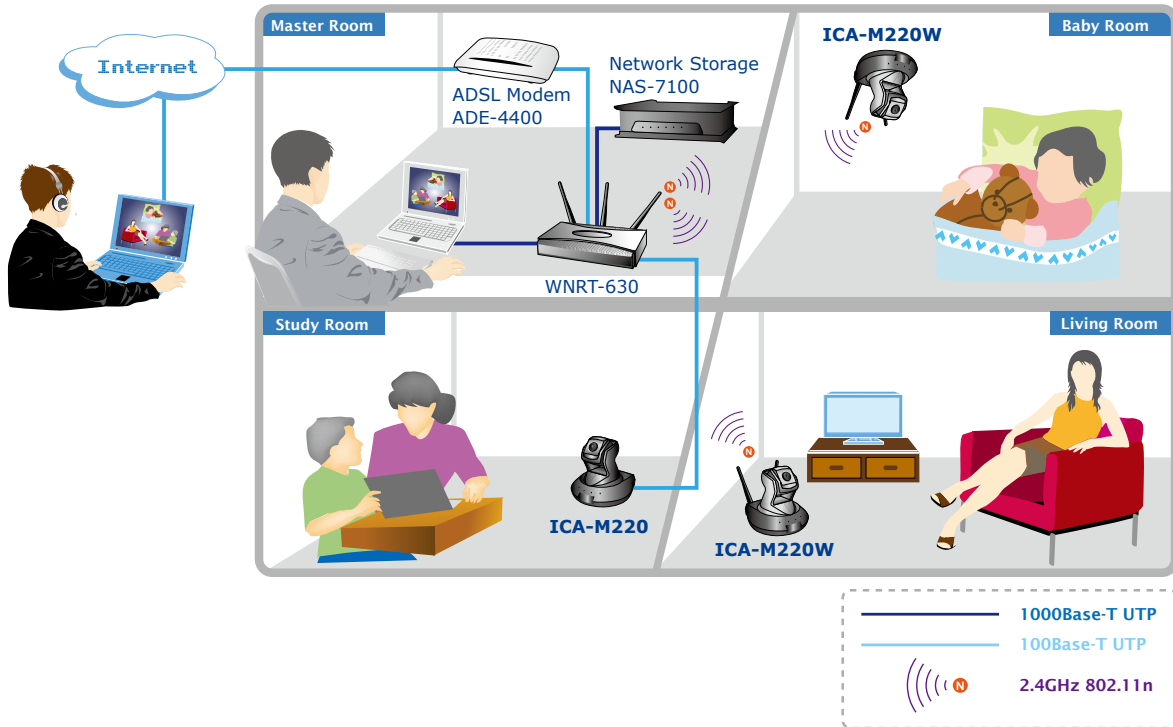
The professional management software, PLANET Cam Viewer, is a multi-camera video surveillance application which can handle ICA-M220 to provide monitoring, recording and event management functions. It enables you to setup a comprehensive and effective surveillance system quickly and easily, providing a real professional security environment to protect your property and life.

### KEY FEATURES

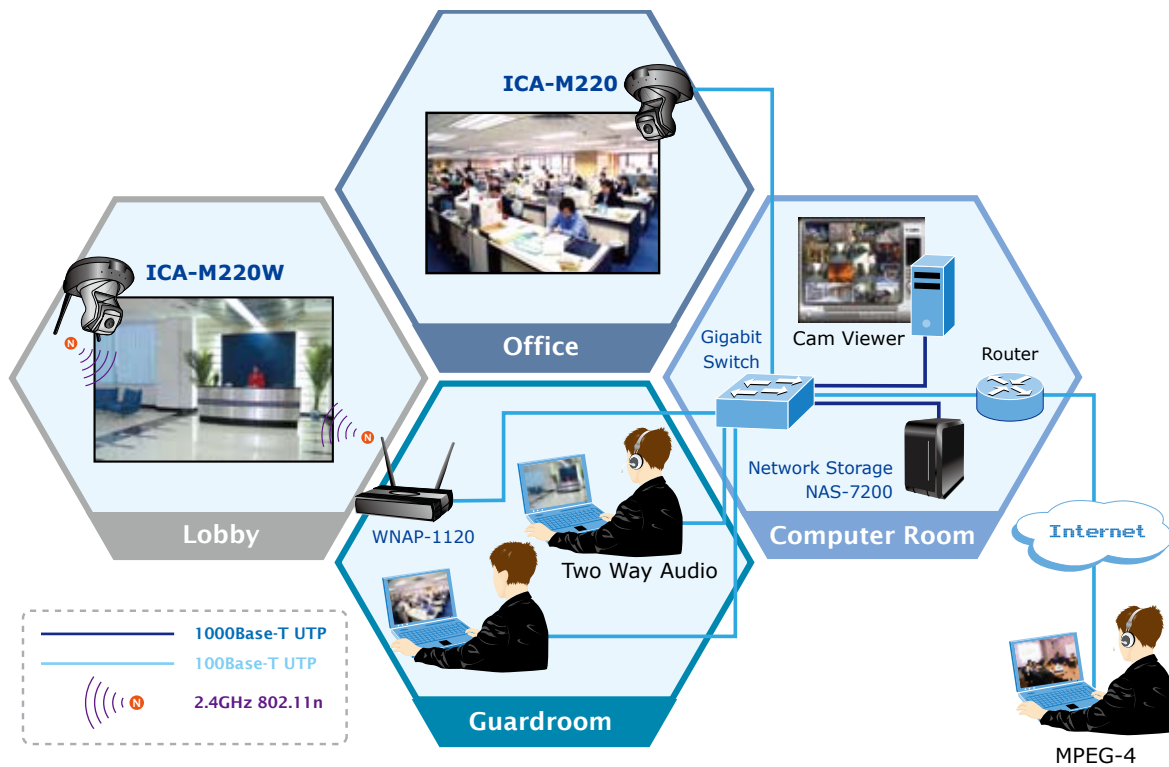
- 1.3Mega-Pixel CMOS sensor built-in
- Offers pan range of 350-degrees and tilt range of 120-degrees to control over network
- 2-Way audio with built-in microphone and additional external speaker
- Plug-N-Watch is able to simplify system integration in existing network environment
- Easy configuration: Network administrators can configure and manage via Windows-based utility or web interface
- DDNS, PPPoE and FTP uploading supports more alternatives in surveillance network
- Motion Detection: the motion detection feature can monitor any suspicious movement in specific area
- Supports 3 video resolutions:  
MPEG-4: XGA (1024 x 768), VGA (640 x 480), and QVGA (320 x 240)  
M-JPEG: SXGA (1280 x 1024), VGA (640 x 480), and QVGA (320 x 240)
- Anti-flicker function, eliminates flash caused by fluorescent lights, 50 / 60Hz selectable
- Supports UPnP, Windows XP (and above), automatically detects the IP camera in network neighborhood
- Sends captured picture and video by Email or FTP when motion is detected
- Built-in real-time clock, date and time information will be recorded with every captured picture / video clip
- Supports up to 16 users with different passwords for each user
- Supports SD card to save local recording video and image
- Cam Viewer - Central management software supported

APPLICATIONS

Remote monitoring application (Home)



Remote monitoring application (Office)



**SPECIFICATION**

Product	<b>Wired Mega-Pixel CMOS PT IP Camera</b>
Model	<b>ICA-M220</b>
<b>Video Specification</b>	
Image Sensor	1.3Mega-Pixel 1/4" color CMOS sensor
Lens	4.8 mm, F1.8
Scan Method	Progressive
Sensibility	1 Lux
Signal to Noise	More than 50 dB
Video Encoder	MPEG-4 and M-JPEG dual codec
Video Resolution	30fps @ 640 x 480, 320 x 240, 160 x 120
	15fps @ 1024 x 768 (MPEG-4)
	15fps @ 1280 x 1024 (M-JPEG)
Image Control	AGC, AWB, AES
Color	Digital 24bit
View Angle	Horizontal: 36 Degree / Vertical: 28 Degree
P/T Range	Pan: 350 degree
	Tilt: 120 degree
P/T Speed	5 levels speed adjustable
<b>Audio Specification</b>	
Audio Codec	G.726
Audio I/O	Audio in: Internal Microphone / Audio out: External Speaker
<b>Network and Configuration</b>	
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, PPPoE
Browser / Software	Microsoft ® Internet Explorer 6.0 or later, Cam Viewer Lite/Pro
Motion Detection	3 area definable
<b>Environment Specifications</b>	
Power Requirement	12V DC, 1A
Dimension (L x Ø)	108 x 112 x 108 mm
Weight	300g
Operating Temperature	0 ~ 50 Degree C
Operating Humidity	10 ~ 80% (non-condensing)
Emission	CE, FCC, PCT

**ORDERING INFORMATION**

ICA-M220	Mega-Pixel CMOS PT IP Camera
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