

Wired / Wireless IR IP Camera
ICA-108 / ICA-108W

Preliminary Release in June, 2007

PLANET has announced a wired / wireless IR IP camera, ICA-108 / 108W, for meeting the feedback from worldwide market. The ICA-108 / 108W can send live video and audio via the internet to a web browser anywhere in the world.

The ICA-108 / 108W features zero-lux illumination. The 6 IR illuminators built around the lens bring the clearest vision at night. The ICA-108 / 108W offers color picture in day time and monochrome at complete darkness with built in CMOS sensor up to 10 meters. Use new High-Light LED to provide greater performance in the dark and longer life of LED.

Multi-profile stands for video stream simultaneously. The ICA-108 / 108W can generate MPEG-4 and M-JPEG streaming to different users in the meantime. Moreover, the resolution can differ from one user to another. This state-of-art design is considerable to fit in various network environments. Up to 10 users can access to the ICA-108 / 108W at any time simultaneously.

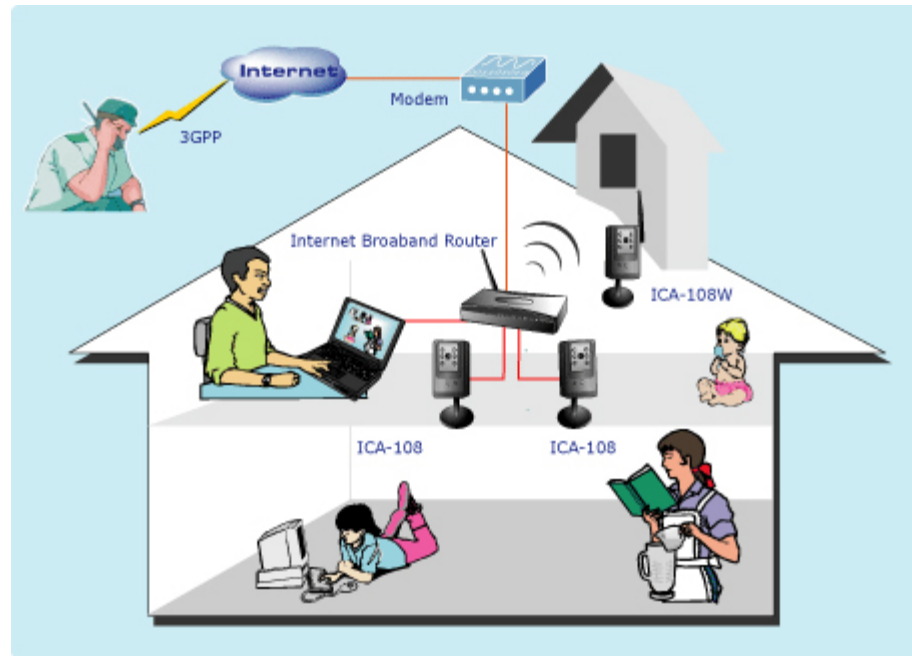
The ICA-108 / 108W takes surveillance to use 2-way audio. It can remotely talk to anyone at ICA-108 / 108W site when adding a speaker on ICA-108 / 108W. The ICA-108W uses IEEE 802.11b/g wireless technology that communicates at a maximum wireless signal rate of up to 54Mbps and security features include WEP and WPA encryption.



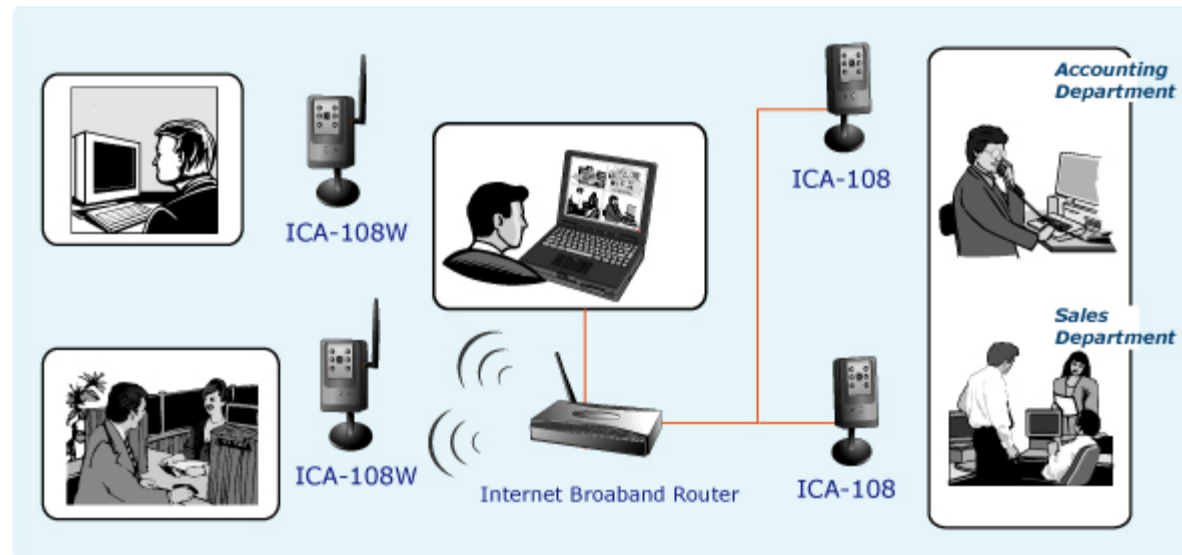
Key Features

- High quality of CMOS image sensor
- Clear and high resolution quality pictures for day and night
- 3GPP for 3G mobile remote applications
- Multi-profile encoder supports MPEG-4 and M-JPEG video compression simultaneously and 30fps for all resolution
- 2-way audio with built-in microphone
- LED used on ICA-108 / 108W are 4 times brighter than ordinary IR LED and visible distance up to 10 meter
- The ICA-108W supports IEEE 802.11b/g wireless LAN with WEP and WPA encryption
- Plug-N-Watch is able to simplify the system integration in existing network environment
- Because of supporting TCP/IP networking, SMTP e-mail and HTTP public network standards, ICA-108 / 108W can be applied and utilized to a mixed IP network environment
- Easy configuration: Network administrators can configure and manage ICA-108 / 108W via Windows-based utility or web interface
- DDNS, PPPoE and FTP uploading support provide more alternatives in surveillance network
- Motion Detection: the motion detection feature can monitor any suspicious movement in specific area

Application



Remote monitoring application (Home)



Remote monitoring application (Office)

Specification

Model	ICA-108	ICA-108W
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Camera Specification

Sensor	CMOS image sensor
Illumination	1.5Lux @ F1.4
Electronic Shutter	1/60 ~ 1/15,000 sec
Lens	3.3mm, F2.8
IR LED	IR LED x 6pcs total

Image (Video Setting)

Video Encoder	MPEG-4 and M-JPEG simultaneously
Video Resolution	640 x 480, 320 x 240, 160 x 120, 30fps for all resolution

Audio

Speech Codec	G.726 : 16kbps ~ 40kbps
Audio I/O	Audio in : internal microphone Audio line out : external phone jack

Network and Configuration

Network Interface	1 x RJ-45	1 x RJ-45 1 x RP-SMA
Network Interface	IEEE802.3 / IEEE802.3u	IEEE802.3 / IEEE802.3u IEEE 802.11b/g
Security	--	WEP and WPA encryption
Networking Protocol	TCP/IP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, UPnP, RTSP, PPPoE, 3GPP	
Browser	Microsoft © Internet Explorer 6.0 or later	

Hardware

Dimension (W x D x H)	66 x 27 x 105mm	75 x 27 x 105mm
Power Supply	5V DC, 2.0A	
Power Consumption	6W max (with WLAN and IR LEDs on)	
Temperature	Operating : 5 to 40 degree C	
Emission	CE, FCC	

Ordering Information

ICA-108	Wired IR IP Camera
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