

# 25-meter Infrared Internet Camera



PLANET announces the new 25-meter Infrared Internet Camera, ICA-312, for meeting the feedback from worldwide market. This infrared internet camera is capable for zero-lux imaging and water-resistant construction with weatherproof solid housing. The ICA-312 is the perfect outdoor surveillance application for day and night. It can combine the PLANET Pan / Tilt Internet cameras and Internet Video server / Digital Video Recorder products for various field demands in surveillance network.

The ICA-312 features zero-lux illumination. The 14 IR illuminator built around the lens brings the clearest vision at night. Via the new LED technology, the illuminator ensures high-quality monochrome images in complete darkness up to 25 meters. With the Aluminum rugged all-weather waterproof enclosure, the ICA-312 infrared internet camera maintains the reliable operation in any environment.

Multi-profile stands for video stream simultaneously. The ICA-312 can generate MPEG-4 and M-JPEG streaming to different users in the meantime. Moreover, the resolution can be different from one user to another. This state-of-art design is considerable to fit in various network environments.

## KEY FEATURES

- High quality of 1/3 inch color SONY CCD sensor in 25 M IR distance
- Clear and High resolution of quality pictures for day and night
- 3GPP for 3G mobile remote applications
- Multi-profile encoder supports MPEG-4 and M-JPEG video compression simultaneously
- LED used on ICA-312 are 4 times brighter than ordinary IR LED
- Secure protection for current rejections
- Special mental base enhances lighting and dissipating heat
- Weatherproof protection housing guards against the various weather
- Plug-N-Watch is able to simplify system integration of existing network environment
- Because of supporting to TCP/IP networking, SMTP e-mail and HTTP public network standards, ICA-312 can be applied and utilized to a mixed IP network environment
- Easy configuration: Network administrators can configure and manage ICA-312 via Windows-based utility or web interface
- DDNS, PPPoE and FTP upload supporting provide more alternatives in surveillance network
- Motion Detection. The motion detection feature can monitor any suspicious movement in specific area

## APPLICATIONS



**SPECIFICATION**

Product	25-meter Infrared Internet Camera
Model	ICA-312
<b>Camera Specification</b>	
Horizontal Resolution	420 TV Lines
Sensor	1/3" Color SONY CCD image sensor
NTSC	System: 525 lines 2:1 interlace, Frequency: 15,734Hz (H), 60Hz (V), Pixel: 537 (H) x 505 (V)
PAL	System: 625 lines 2:1 interlace, Frequency: 15,625Hz (H), 50Hz (V), Pixel: 537 (H) x 597 (V)
Gain Control	Auto Gain Control (AGC)
White Balance	Auto
Focus	Fixed
White Balance	Auto
BLC	Auto 2000°K ~ 10000°K
Sensitivity	0.1 Lux, 0Lux at IR on
Lens	6mm fixed focal
Video Output	Composite 1.0 Vp-p at 75 ohm
IR LED	14 x High-light LED
IR Wavelength	850 nm
<b>Image (Video Setting)</b>	
Video Encoder	MPEG-4 and M-JPEG simultaneously
Video Resolution	640 x 480, 320 x 240, 160 x 120, 30fps for all resolution
<b>Network and Configuration</b>	
Network Interface	1 x 10/100Mbps RJ-45 port
Networking Protocol	TCP/IP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, UPnP™, RTSP, PPPoE, 3GPP
Browser	Microsoft® Internet Explorer 6.0 or later
<b>Hardware</b>	
Dimension	242 (ø) x 144 mm (L)
Power Supply	12 V DC / 1.5A
Power Consumption	IR on: 350 mA, IR off: 300mA
Protection Class	IP-66 classification
Temperature	Operating: -20~50 degree C
Emission	CE, FCC

**ORDERING INFORMATION**

ICA-312-NT	25-meter Infrared Internet Camera (NTSC)
ICA-312-PA	25-meter Infrared Internet Camera (PAL)