

## 30-meter Infrared Internet Camera



PLANET announces the new 30-meter infrared internet camera, ICA-310, 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-310 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-310 features zero-lux illumination. The 12 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 30 meters. With the Aluminum rugged all-weather waterproof enclosure, the ICA-310 infrared internet camera maintains the reliable operation in any environment. ICA-310 is compliant with IEEE 802.3af standard PoE interface. It can help you to locate the camera in the place where there is no power outlet.

Multi-profile stands for simultaneously video stream. The ICA-310 can generate MPEG4 and M-JPEG streaming in the meantime to different users. 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 FEATURE

- High quality 1/3 inch color CCD sensor of 30M IR distance
- Clear and high-image quality pictures in the day time and at night
- 3GPP for 3G mobile remote application
- Multi-profile encoder supports MPEG4 and M-JPEG video compression simultaneously
- Supports PoE (IEEE 802.3af compliant)
- LED used on ICA-310 are 4 times brighter than ordinary IR LED
- Secure protection for over current rejection
- Special mental base enhances lighting and dissipates heat
- Weather-proof protection housing against the various weather
- Plug-N-Watch is able to simplify system integration in an existing network environment
- Supporting TCP / IP networking, SMTP e-mail, and HTTP public network standards, ICA-310 can be applied and utilized to a mixed IP network environment.
- Easy configuration: the network administrator can configure and manage ICA-310 via Windows-based utility or web interface.
- DDNS, PPPoE, FTP upload supports provide more alternatives in your surveillance network
- Motion Detection, the motion detection feature can monitor any suspicious movement in specific area

**SPECIFICATION**
**Product** 30-meter Infrared Internet Camera

<b>Model</b>	ICA-310
<b>Camera Specification</b>	
<b>Sensor</b>	1/3" CCD sensor
<b>System / Frequency / Pixels (H x V)</b>	NTSC: 525 lines 2: 1 interlace / 15,734 Hz, 60 Hz / 537 x 505 PAL: 625 lines 2: 1 interlace / 15,625 Hz, 50 Hz / 537 x 597
<b>Gain Control</b>	Auto Gain Control (AGC)
<b>White Balance</b>	Auto
<b>Focus</b>	Fixed
<b>White Balance</b>	Auto
<b>BLC</b>	Auto 2000°K ~ 10000°K
<b>Sensitivity</b>	0.1 Lux, 0Lux at IR on
<b>Lens</b>	6mm fixed focal
<b>Video Output</b>	Composite 1.0 Vp-p at 75 ohm
<b>IR LED</b>	High-light led x 8pcs
<b>IR Wavelength</b>	850 nm
<b>Image (Video Setting)</b>	
<b>Video Encoder</b>	MPEG4-SP and M-JPEG simultaneously
<b>Resolution</b>	640 x 480 (VGA), 320 x 240 (CIF), 160 x 120 (QCIF)
<b>Frame Rate</b>	30fps at all resolution
<b>Network and Configuration</b>	
<b>Network Interface</b>	1 x 10/100Mbps RJ-45 port, Build in PoE (IEEE 802.3af compliant)
<b>Networking Protocol</b>	TCP / IP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, UPnP™, RTSP, PPPoE, 3GPP
<b>Browser</b>	Microsoft® Internet Explorer 6.0 or later
<b>Hardware</b>	
<b>Dimension</b>	105 (ø) x 317 mm (L)
<b>Power Supply</b>	12 V DC / 1.5A
<b>Power Consumption</b>	IR off:300 mA, IR on: 350mA
<b>Protection Class</b>	IP-66 classification
<b>Environment</b>	Temperature: 0~50 Degree C, Humidity: 0~95% non-condensing
<b>Emission</b>	CE, FCC

**APPLICATIONS**


ICA-310 integration for night vision application

**ORDERING INFORMATION**

ICA-310-NT	Infrared Internet Camera (NTSC)
ICA-310-PA	Infrared Internet Camera (PAL)