

H.264 25-meter IR Internet Camera



PLANET announces new H.264 25-meter IR Internet Camera, ICA-H312, for meeting the next generation worldwide market. The ICA-H312 supports the highest video compression – H.264, which provides small video size and save you lots of bandwidth. The new video compression is the best solution for Internet video transmission.

Multi-profile stands for video stream simultaneously. The ICA-H312 can generate H.264 / MPEG-4 / 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.

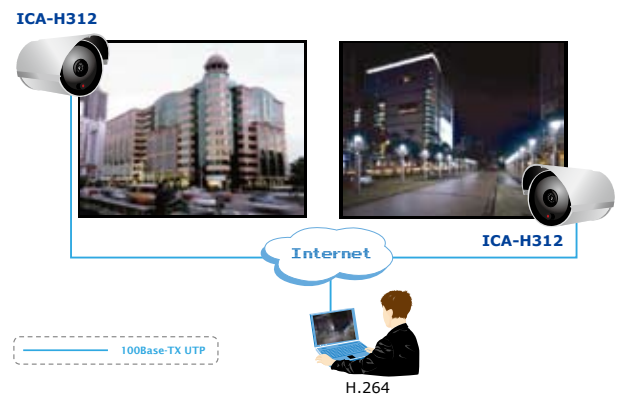
Supporting Store-to-NAS function, the ICA-H312 can work alone and save the video file to a NAS directly, which can save the PC resource and keep monitoring the environment with motion detection at 7/24. The ICA-H312 takes surveillance using 2-Way audio. The administrator can speak to anyone at ICA-H312 remote site with a speaker connected. Compliant with IEEE 802.3af PoE interface, the ICA-H312 can be located in places where there are no power outlets.

The ICA-H312 features zero-lux illumination. The 14 IR illuminators built around the lens bring 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 housing, the ICA-H312 infrared Internet camera maintains the reliable operation in any environment. It can work with the PLANET Pan /Tilt Internet cameras, Internet Video server and Digital Video Recorder products for various field demands in surveillance network.

KEY FEATURES

- High quality of 1/3 inch color SONY CCD sensor in 25 meters IR distance
- Clear and high resolution pictures for day and night surveillance
- Multi-profile encoder supports H.264 / MPEG-4 / M-JPEG video compression simultaneously
- 3GPP for 3G mobile remote applications
- 4 times brighter LED light than common IR LED
- Secure protection for current rejections
- Store-to-NAS function to save video files without operating software
- Special mental base enhances lighting and dissipating heat
- Weatherproof housing offers protection against various weather conditions
- Plug-N-Watch that simplifies system integration in existing network environment
- Easy configuration and management via Windows-based utility or web interface
- Compliant with IEEE 802.3af PoE interface
- DDNS, PPPoE and FTP upload supports more alternatives in surveillance network
- Motion Detection feature can monitor any suspicious movement in specific area

APPLICATIONS



SPECIFICATION

| | |
|----------------------------------|---|
| Product | H.264 25-meter IR Internet Camera |
| Model | ICA-H312 |
| Camera Specification | |
| Horizontal Resolution | 420 TV Lines |
| Sensor | 1/3" Color SONY CCD image sensor |
| NTSC | System: 525lines 2:1 interlace Frequency: 15,734Hz (H), 60Hz (V) Pixel: 512 (H) x 491 (V) |
| | System: 625lines 2:1 interlace Frequency: 15,625Hz (H), 50Hz (V) Pixel: 512 (H) x 581 (V) |
| PAL | System: 625lines 2:1 interlace Frequency: 15,625Hz (H), 50Hz (V) Pixel: 512 (H) x 581 (V) |
| Gain Control | Auto Gain Control (AGC) |
| Focus | Fixed |
| White Balance | Auto |
| BLC | Auto 2500°K ~ 9500°K |
| Sensitivity | 0.1 Lux, 0Lux at IR on |
| Lens | 6mm fixed focal F1.8 |
| Video Output | Composite 1.0 Vp-p at 75 ohm |
| IR LED | 8Ø IR LED x 14pcs |
| IR Wavelength | 850 nm |
| Image (Video Setting) | |
| Video Encoder | H.264 / MPEG4 and M-JPEG simultaneously |
| Video Resolution | D1 / CIF / QCIF 30fps for all resolution |
| Network and Configuration | |
| Network interface | 1 x 10/100Mbps RJ-45 port |
| PoE interface | 802.3af |
| Networking 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 Plus Lite/Pro |
| Hardware | |
| Dimension | 75 (D) x 138 mm (L) |
| Power Supply | 12 V DC / 1.5A |
| Power Consumption | IR on:7W, IR off: 4.5W |
| Protection Class | IP-66 classification |
| Operating Temperature | -20~50 Degree C |
| Operating Humidity | 20 ~ 80% (non-condensing) |
| Emission | CE, FCC |

ORDERING INFORMATION

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|-------------|---|
| ICA-H312-NT | H.264 25meter IR Internet camera (NTSC) |
| ICA-H312-PA | H.264 25meter IR Internet camera (PAL) |