H.264 12x Outdoor Speed Dome IP Camera

The PLANET ICA-H612 is the outdoor speed dome Internet camera offering the next generation H.264 video compression. It is a prefect and effective surveillance solution for the bandwidth limited networks. The ICA-H612 features a 12x12 zooming (12x optical zoom, 12x digital zoom) with auto focus and auto iris. It offers fast, accurate and continuous 360 panning operations. The unparalleled surveillance functions of the ICA-H612 including 256 camera presets, 8 camera cruise configurations, and the motion detection function make it able to satisfy the demanding surveillance and remote monitoring applications.
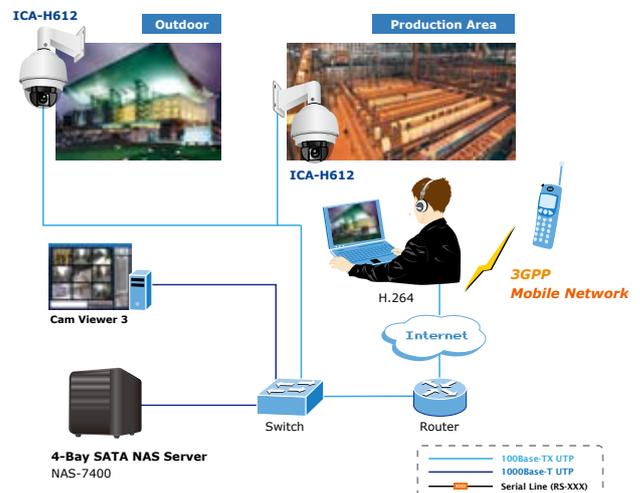
The ICA-H612 provides Multi-Profile function which can generate H.264 and M-JPEG video streaming simultaneously. Moreover, the resolution can be different from one user to another. This state-of-the-art design is considerable to fit in various network environments such as traffic centers, shopping malls, railway stations, warehouses, airports, and production facilities.

The ICA-H612 supports Store-to-NAS function so the video files can be saved in a NAS directly which helps to release more PC resource and keep monitoring the environment with motion detection at 7/24. It provides 2-Way audio surveillance so that the administrator can speak to anyone at ICA-H612 remote site with a speaker connected. The ICA-H612 can also keep working properly under bad weather conditions in outdoors with its IP-66 protection cover.

KEY FEATURES

- Multi-Profile encoder supports H.264 and M-JPEG video compression simultaneously

- D1 / CIF Real-time resolutions (30fps)

- 360 degree continuous PAN, Tilt (0 ~ 180 degree) and 12x12 zooming (12X optical, 12X digital) adjustment

- High resolution quality pictures for day and night surveillance

- Built-in IR Cut Filter (ICR)

- 3D de-interlaced video image

- Wide Dynamic Range (WDR)

- 2D/3D Noise Reduction

- Store-to-NAS function to save video files without operating software

- 3GPP for 3G mobile remote applications, iPhone viewer support

- Supporting TCP/IP networking, SMTP e-mail and HTTP public network standards, the ICA-H612 can be applied and utilized to a mixed IP network environment

- Easy configuration: network administrators can efficiently configure and manage the ICA-H612 via Windows-Based utility or web interface

- DDNS and FTP uploading supports more alternatives in surveillance network

- Motion detection feature can monitor any suspicious movement in specific area

- IP-66 outdoor classification with heater and fan for rigorous environment

APPLICATIONS

SPECIFICATION

Product	H.264 12x Outdoor Speed Dome IP Camera
Model	ICA-H612
Video Specification	
Horizontal Resolution	540 TV Lines
Scanning System	NTSC / PAL
Effective Pixels	NTSC 380K: 768 (H) x 494 (V) PAL 440K: 752 (H) x 582 (V)
Sensor	1/4" Color Sony CCD
Lens Type	12X optical zoom, 12X digital zoom
View Angle	H: 4.6~50 Degree / V: 3.5~38.5 Degree
Lens	F1.6~3.8 / F3.8 ~ 45.6 mm
S/N Ratio	> 50 dB (AGC Off)
Minimum Illumination	0.1 lux, 0.01lux(B/W)
Focal Length	3.8~45.6 mm
Focus Mode	Auto / Manual
White Balance	Auto / Manual
Iris Control	Auto / Manual
Electronic Shutter	1/1~1/10k sec.
AGC control	Auto / Manual
Backlight Compensation	On/Off
Image (Video Setting)	
Video Encoder	H.264 / M-JPEG simultaneously
Video Resolution	D1: NTSC 720x480 / PAL 720x576 CIF: NTSC 352x240 / 352x288
Frame Rate	30fps for all resolutions
Audio Compression	G.726 ADPCM / AAC
Alarm Reaction	Preset, Sequence, Auto pan, Cruise
Network and Configuration	
Network Interface	Ethernet 10Base-T/100Base-TX
Networking Protocol	TCP/UDP/IP, HTTP, FTP, SMTP, ARP, ICMP, DHCP, Telnet, RTP/RTSP
Browser / Software	Microsoft ® Internet Explorer 6.0 or later, Cam Viewer 3 Lite/Pro
Hardware	
Pan Degree	0 ~ 360 Degree continuous panning
Tilt Degree	90 Degree with instant flip
Preset Point	256 present points
Camera Cruise	8 cruises
Audio in / Audio out	1 x MIC in / 1 x Line out
Video Output	1.0 Vp-p / 75ohm (BNC connector)
2-Way Audio	Full-duplex, Half-duplex, Simplex
DI / DO ports	DI x 4 / DO x 1 (dry contact)
Protection Class	IP-66 outdoor classification, Built-in fan and heater
Dimension (x H)	190 x 260 mm
Weight	2.1kg
Power Supply	AC 24V ± 10%, 3A
Operating Temperature	-30 ~ 45 Degree C
Operating Humidity	20 – 90% (non-condensing)
Power Consumption	52 W (with Heater)
Emission	CE, FCC, RoHS

ORDERING INFORMATION

ICA-H612-PA	H.264 Outdoor Speed Dome Internet Camera (PAL)
ICA-H612-NT	H.264 Outdoor Speed Dome Internet Camera (NTSC)

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