

## 3 Mega-Pixel H.264 Box IP CAM



PLANET 3 Mega-Pixel IP Camera - the ICA-HM127 supports Full HD (2048 x 1536) Resolution and efficient H.264 video compression to bring the best solution for Internet video surveillance. It is perfect for indoor and outdoor\* surveillance to secure the locations such as campuses, government, business / Industrial buildings, stores, airports, railway stations and etc.

### *Multi-Profiles Streaming*

Supporting Multi-Profile Streaming function, the ICA-HM127 can generate H.264, MPEG-4, and M-JPEG streaming simultaneously to differentiate users in different resolutions and frame rates. This state-of-the-art design is considerable to fit in various network environments.

### *2-Way Audio*

The ICA-HM127 provides 2-Way audio function for real time video communication. It enables the administrator remotely talk to anyone at the ICA-HM127 site with additional speaker connected. Users can also easily communicate to each other between two ICA-HM127 sites even just for chat.

### *PoE makes Flexible Installation Anywhere*

Compliant with IEEE 802.3af PoE interface, the ICA-HM127 can be flexibly located in any place where there is no power outlet. Moreover, through Power over Ethernet support, the administrators can be fearless of the power breakdown because the ICA-HM127 can receive power via Ethernet cable from UPS which installed in the surveillance control center or in any specific place.

### *Day & Night Operations*

The ICA-HM127 offers high flexibility to be applied in various kinds of IP surveillance environment as it has built-in ICR (IR-Cut filter Removable) for day and night surveillance applications. It supports low light surveillance as low as 0.5 LUX illumination.

### *ONVIF Certified / Professional Software*

The ICA-HM127 follows the ONVIF v1.01 and v1.02 standard SDK for user easily to integrate with the 3rd party software. It can work with the PLANET Cam Viewer 3 Lite/Pro Management software and Network Video Recorder products for video surveillance application and provides enhanced monitoring, recording and event management functions to secure your property and life.

\* Work with the ICA-BOX30 for Outdoor day and night vision surveillance.

## KEY FEATURES

### *LENS*

- Focal Length 3.1-8mm, F1.2 Vari-focal Lens, CS mounts
- Auto Iris connector, DC Drive
- Minimum illumination down to 0.05Lux at 30 IRE

### *VIDEO & AUDIO*

- IPv6 / ONVIF support
- 1/2.5" Progressive CMOS
- H.264 / MPEG-4 / M-JPEG multiple video streams
- 3 Mega-Pixel (2048 x 1536), Full HD (1920 x 1080) Resolution
- 30 fps @ 1080p Full HD
- ICR for day and night sharp vision surveillance

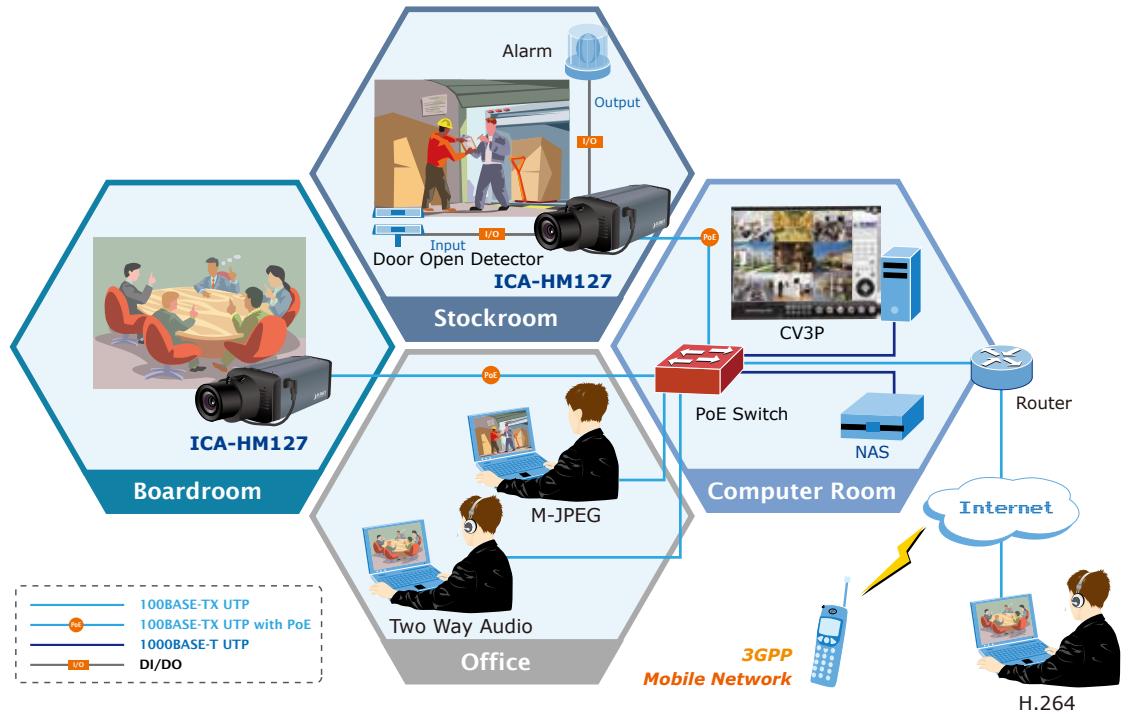
- 2-Way Audio and 3GPP for real time surveillance communication

- PLANET IP Finder, CV3L and CV3P can manage the IP camera easily

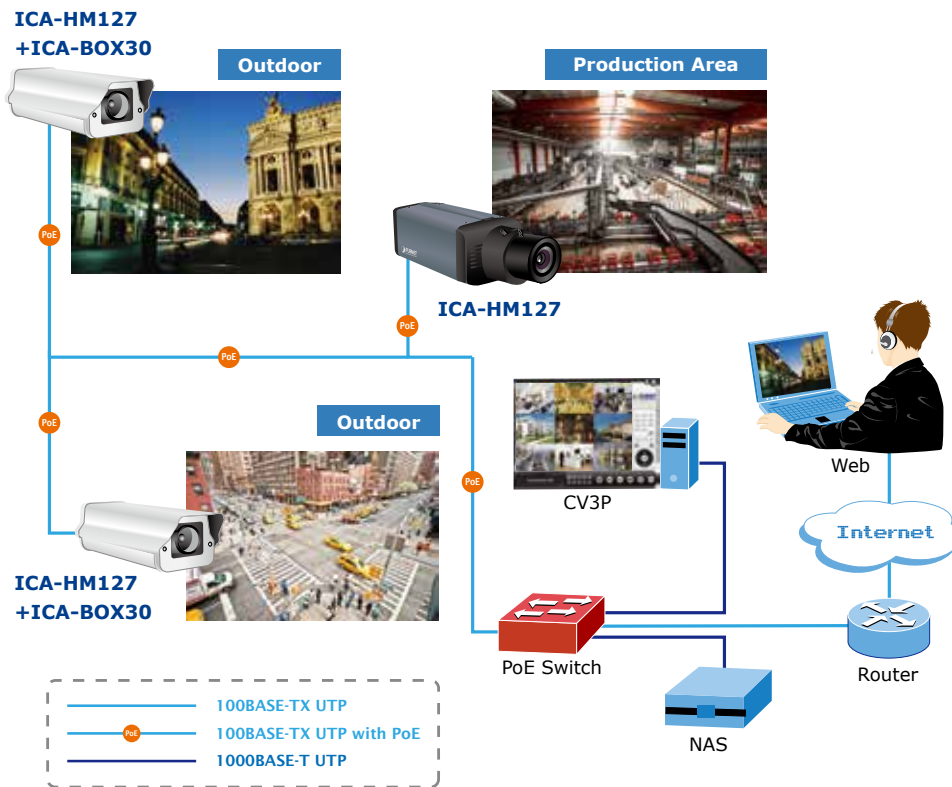
### *HARDWARE*

- 1-Port 10/100 Mbps Auto-Negotiation and Auto MDI/MDI-X
- Flexible installation by IEEE 802.3af PoE support
- Local storage backup with SD/SDHC memory card
- Analog video (BNC) output, works with conventional video devices such as TV Monitors, analog DVRs,
- RS-485 communication supported.

**APPLICATIONS**



Remote monitoring for indoor application



Outdoor day and night vision application of the ICA-HM127 with the ICA-BOX30

**SPECIFICATION**

Product	<b>3 Mega-Pixel H.264 Box IP Camera</b>
Model	<b>ICA-HM127</b>
<b>Camera Specification</b>	
Image Device	1/2.5" Progressive CMOS
Sensitivity	Color: 0.05 Lux @ 30 IRE B/W: 0 Lux @ IR ON
Lens	Focal Length 3.1-8mm, F1.2 Varifocal Lens
Lens Mounting	CS mount
Auto Iris	1 x Auto Iris connector, DC Drive
Night vision function	Built-in removable IR cut filter
View Angle	H: 38.7~95.9 Degree V: 29.1~71.0 Degree
Storage Interface	SD, SDHC support
<b>Video Specification</b>	
Video Compression	H.264 / MPEG4 / M-JPEG
High Resolution mode	H.264@QXGA / 1080p MJPEG@QXGA / 1080p MPEG4@1080p
Video Resolution	QXGA (2048 x1536): 20 fps 1080p (1920 x 1080): 30 fps Quad-VGA (1280 x 960): 30 fps 720p (1280 x 720): 30 fps VGA (640 x 480): 30 fps QVGA (320 x 240): 30 fps
Multi-stream mode	H.264 @720p / D1 / VGA / QVGA / QCIF MPEG4@720p / D1 / VGA / QVGA and 3GPP MJPEG@720p / D1 / VGA / QVGA / QCIF
Auto Exposure Control	Yes
Auto White Balance	Yes
Auto Gain Control	Yes
Text Overlay	Text and Date-time
Image Overlay	Supports JPG and Bitmap image format
<b>Audio/Video Specification</b>	
Audio Input	Internal Omni-directional Microphone Sensitivity: more than -42Db +/- 3dB Freq Response: 100~10000Hz External Mic. In
Audio Output	Line level out, 1 Vrms, 3.5mm phone jack, Mono
Compression method	PCM / AMR
Audio S/N ratio	More than 60dB
Operation mode	2-Way audio
Composite	CVBS / 1 Vp-p±0.2 / 75 Ohms ; BNC connector
<b>Network and Configuration</b>	
Network Interface	One RJ-45 port, IEEE 802.3u compliant 10/100 Mbps Fast Ethernet with Auto-MDIX
Networking Protocol	TCP/IP, IPv4/v6, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, HTTPS, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP and RTCP
<b>General</b>	
Power Supply	DC 12V / 1A
PoE	IEEE 802.3af
PoE Consumption	Max. 8W
Operating Temperature	0 ~ 50 Degree C
Operating Humidity	20 ~ 85%
Weight	390g (Camera only, excluding lens)
Dimension (W x D x H)	72.15 x 130.40 x 58.30 mm
<b>Viewing System</b>	
OS	Windows® XP, 2000, Vista, Win 7
Best View System	CPU: Intel® Core2 Duo E5300 2.6GHz RAM: 1 GB Graphic card: 128MB Display Resolution: 1024 x 768 24bits <i>Note: Best viewed is depends on "bandwidth" and "PC performance".</i>
Browser	IE 6.0 or latter
Search & Installation	PLANET IPFinder
Bundled Monitor / Recording / Management	PLANET CV3P (4-Ch Cam Viewer Three Pro Trial Version) PLANET CV3L (64-Ch Cam Viewer Three Lite Bundle Version)

**ORDERING INFORMATION**

<b>ICA-HM127</b>	3 Mega-Pixel H.264 Box IP Camera
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**ACCESSORIES**

<b>ICA-BOX30</b>	30 meter IR Outdoor Housing
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**ORDERING INFORMATION**

<b>ICA-HM317</b>	3 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
<b>NVR-401</b>	4-Ch Network Video Recorder
<b>NVR-810</b>	8-Ch Network Video Recorder
<b>NVR-1610</b>	16-Ch Network Video Recorder
<b>NVR-3210</b>	32-Ch Network Video Recorder
<b>CV3P-4</b>	4-Channel Cam Viewer 3 Professional
<b>CV3P-8</b>	8-Channel Cam Viewer 3 Professional
<b>CV3P-16</b>	16-Channel Cam Viewer 3 Professional
<b>CV3P-36</b>	36-Channel Cam Viewer 3 Professional
<b>CV3P-64</b>	64-Channel Cam Viewer 3 Professional
<b>FGSW-2620PVM</b>	24-Port 10/100Mbps + 2-Port Gigabit TP/SFP Managed PoE Switch
<b>FSD-808P</b>	8-Port 10/100Mbps PoE Fast Ethernet Switch
<b>GSD-808HP</b>	8-Port 10/100/1000Mbps 802.3 at PoE Desktop Switch