

## 3 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera



PLANET ICA-HM317 is the new 3 Mega-Pixel Outdoor Bullet PoE IP Camera featuring 25M IR function. It provides Full HD Resolution (2048 x 1536) and supports the highest video compression – H.264 to offer the best Internet video surveillance solution for securing your property and life.

### *Multi Profiles Streaming*

The Multi-profile Streaming function enables the ICA-HM317 to generate H.264, MPEG-4 and M-JPEG streaming simultaneously, and differentiate users in different resolutions and frame rates. This state-of-the-art design is considerable to fit in various network environments.

### *Weather Proof IP67 Protection*

With the Aluminum rugged all-weather IP67 housing enclosure, the ICA-HM317 infrared PoE IP Camera performs reliable operation in any environment.

### *Flexible Application by PoE Feature*

Compliant with IEEE 802.3af PoE interface, the ICA-HM317 can be located in places where there are no power outlets. And through power feeding over Ethernet to the ICA-HM317, the installers are fearless of the power breakdown as it can be powered from the system's UPS.

### *Day & Night Operations*

There are 4 IR illuminators built around the lens of the ICA-HM317 bringing you the clearest vision at night. Via the new LED technology, the illuminator ensures high-quality monochrome images in complete darkness up to 25 meters. The ICA-HM317 also 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 / night capability supporting low light surveillance as low as 0.05 LUX illumination.

### *ONVIF Certified / Professional Management Software*

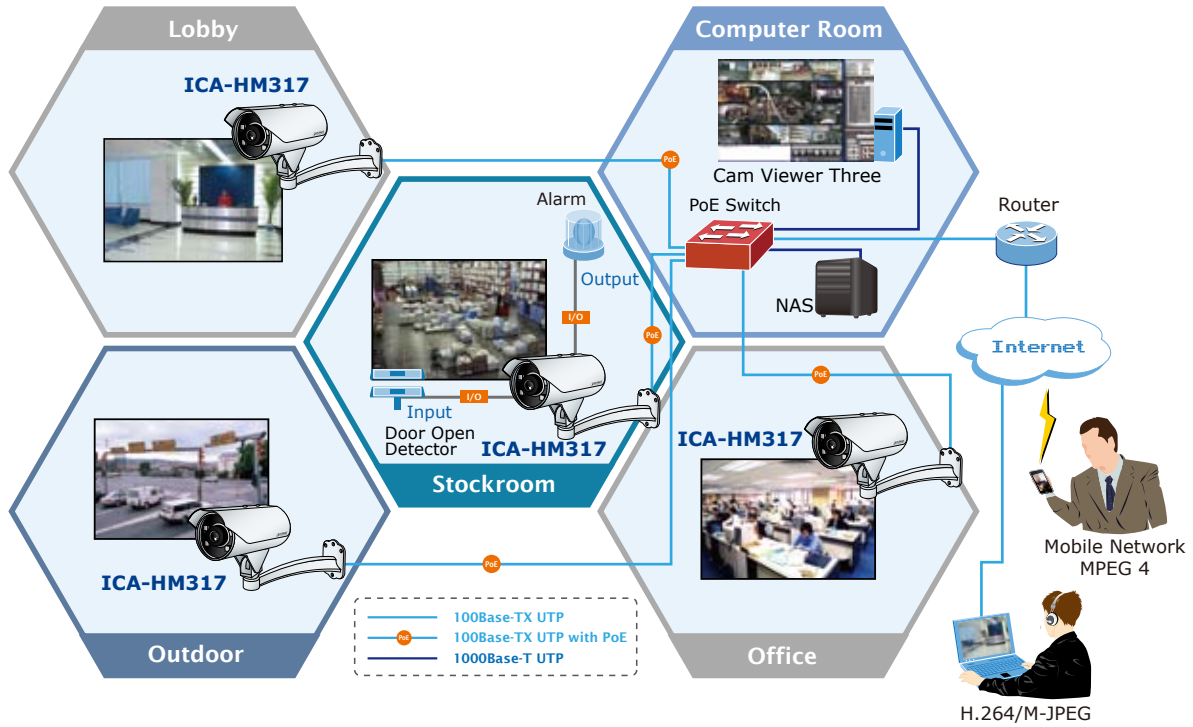
The ICA-HM317 follows the ONVIF v1.01 and v1.02 standard SDK for user to easily integrate with the third party's software. The ICA-HM317 can work perfectly with the PLANET Cam Viewer 3 Lite/Pro Management software and Network Video Recorder products for monitoring, recording and event management of video surveillance applications.

## KEY FEATURES

- 3 Mega-Pixel / Full HD Resolution
- 25 Meters IR LEDs
- H.264 / MPEG-4 / M-JPEG multiple streaming
- ICR for Day and Night sharp surveillance
- IEEE802.3af PoE compliant
- IPv6 / ONVIF supported
- IP67 outdoor classifications with fan for rigorous environment

APPLICATIONS

PLANET ICA-HM317 is providing various surveillance applications. It captures clear images and is perfect for the identification of objects and persons both in indoor and outdoor surveillance.



SPECIFICATION

Product	3 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
Model	ICA-HM317
<b>Image Sensor</b>	
Format	1/2.5" Progressive CMOS
Effective Pixels	2592H x 1944V
Pixel size	2.2 x 2.2µm
Active Image Area	5.70mm (H) x 4.28mm (V) 7.13mm diagonal
<b>Lens</b>	
Built-in Lens	Yes
Mount	Board
Focal Length	6mm CS mount Lens
F No.	F1.8
Format	1/3"
Angle of View	H: 56 Degree V: 43 Degree
<b>Day / Night Surveillance</b>	
Mechanical IRCF	Yes, on sensor board
IR Distance	25M
IR Wave Length	850nm
Low Lux	Color: 0.05 Lux @ 30 IRE B/W: 0 Lux @ IR ON
<b>Audio / 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 x 1536): 20 fps 1080p (1920 x 1080): 30 fps Quad-VGA (1280 x 960): 30 fps 720p (1280 x 720): 30 fps D1(720 x 480): 30 fps VGA (640 x 480): 30 fps QVGA (320 x 240): 30 fps
Multi-stream mode	H.264@720p / D1 / VGA / QVGA MPEG4@720p / D1 / VGA / QVGA MJPEG@720p / D1 / VGA / QVGA
Audio Codec	G.711 $\mu$ -law
Codec Quality Options	H.264: 5 Levels or Bit Rate MPEG4: 5 Levels or Bit Rate MJPEG: 5 Levels
<b>Network Interface and Configuration</b>	
Network Interface	1 x RJ-45
Network Standard	IEEE 802.3 / IEEE 802.3u / IEEE 802.3af
Network Protocol	TCP/IP, IPv4, IPv6, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, HTTPS, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP
Video Output	Yes
Audio In / Out	1 / 1
LED Indicators	1 x Power, 1 x Ethernet
RS-485	Yes
Reset	Yes
PoE	IEEE 802.3af
Power Supply	DC 12V / 2A
<b>Special Features</b>	
Motion Detection	3 scalable windows
Image Settings	Brightness, Contrast, Sharpness, Saturation Adjustable
Alarm Buffer	2 sec. pre-alarm / 5 sec. post-alarm
Mirror	Vertical / Horizontal
Digital Zoom	Yes, up to 10x
3GPP Support	Yes
IP Filter	Yes
QoS	Yes
Time	Manual Time Setting, Time Server & NTP Support, Real Time Clock
<b>Environment</b>	
Dimension ( $\Phi$ x L)	73 x 186 mm
Operating Temp.	-30 ~ 50 Degree C
Cold Start-up	-5 ~ 60 Degree C
Operating Humidity	20 ~ 85% RH
Fan	Yes
Weather Proof	IP67
<b>Viewing System</b>	
OS	Windows® XP, 2000 / 2003 / 2008 server, Vista, Win 7
The best view system * (Suggested Minimum Requirements)	CPU: Intel® Core i3 2.5GHz RAM: 1 GB Graphic card: 128MB Display Resolution: 1024 x 768 24bits
Search & Installation	PLANET IP Finder
Browser	Mozilla Firefox, IE7 or above, Chrome, Safari
Search & Installation	PLANET IP Finder
Bundled Monitor / Recording / Management	PLANET CV3P (4-Ch Cam Viewer 3 Pro Trail Version) PLANET CV3L (64-Ch Cam Viewer 3 Lite Bundle Version)

\* Note: Best viewed is depends on "bandwidth" and "PC performance".

## ORDERING INFORMATION

ICA-HM317	3 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
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## RELATED PRODUCTS

ICA-HM127	3 Mega-Pixel H.264 Box IP CAM
NVR-401	4-Ch Network Video Recorder
NVR-810	8-Ch Network Video Recorder
NVR-1610	16-Ch Network Video Recorder
NVR-3210	32-Ch Network Video Recorder
FSD-804PS	8-Port 10/100Mbps with 4-Port PoE Web Smart Ethernet Switch
GSD-808HP	8-Port 10/100/1000Mbps 802.3 at PoE Desktop Switch
FGSW-2620PVM	24-Port 10/100Mbps + 2- Gigabit TP/SFP Managed PoE Switch
CV3P-4/8/16/36/64	4 ~ 64 Ch Cam Viewer 3 Professional Version