

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



PLANET announces new generation 2Mega-Pixel series IP Camera, the ICA-HM312, to offer 1920 x 1080 high resolution IR surveillance up to 25 meters in outdoor. It supports the highest video compression – H.264 to provide small video size and save you lots of bandwidth usage. The new video compression is the best solution for Internet video transmission.

### *Multi-Profile Streaming*

The Multi-Profile Streaming function supported enables the ICA-HM312 to generate H.264 / MPEG-4 / 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-HM312 provides 2-Way audio function for immediate surveillance applications. It can remotely talk to anyone at the ICA-HM312 site with additional speaker connected to the camera. Via two ICA-HM312, users can easily communicate to each other even for a personal chat.

### *PoE makes Flexible Installation Anywhere*

Compliant with IEEE 802.3af PoE standard, the ICA-HM312 can be flexibly located in any place where there are no power outlets. Through Power over Ethernet functions, the installers are fearless of the power breakdown because the ICA-HM312 can be powered centrally from the UPS installed.

### *Day & Night Operations*

The ICA-HM312 features zero-lux illumination and its 25M 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.

### *ONVIF Certified Professional Software*

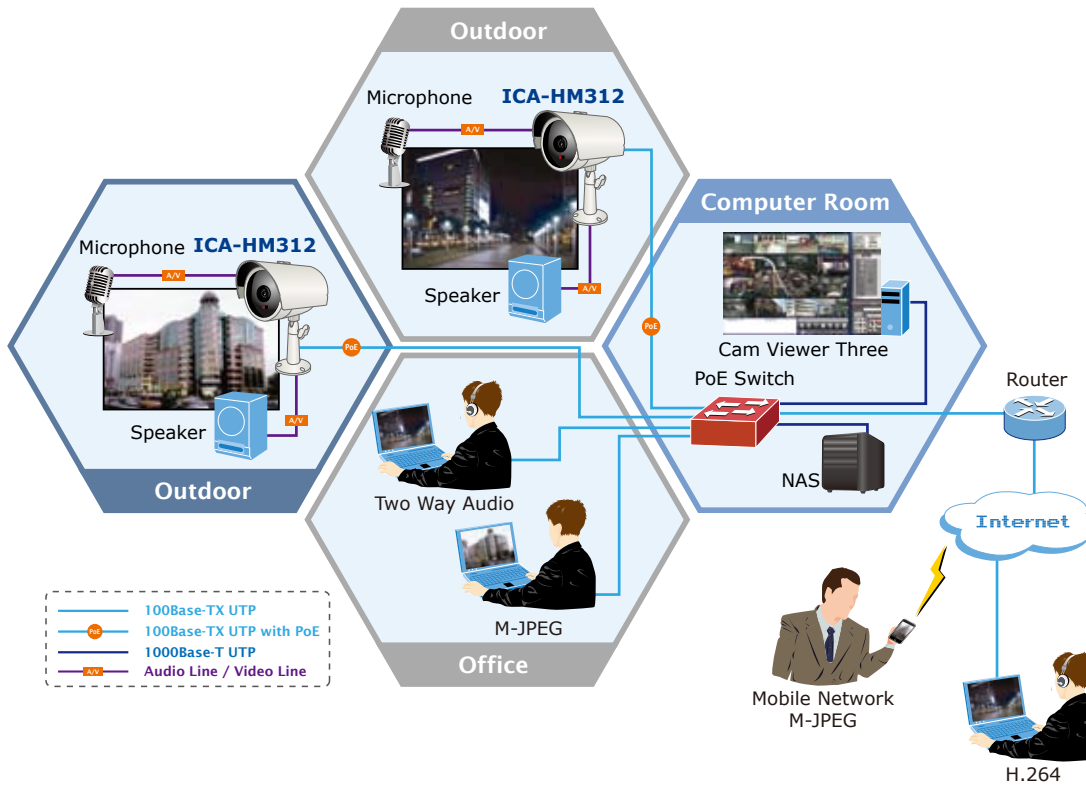
The ICA-HM312 follows the ONVIF v1.01 and v1.02 standard SDK for users to conveniently integrate with the third party software. The ICA-HM312 can also work perfectly with PLANET Cam Viewer 3 Lite/Pro Management software and Network Video Recorder products for efficient video surveillance applications, including monitoring, recording and event management to secure your property and life.

## KEY FEATURES

- H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
- High quality Full HD 1080p resolution
- Built-in IR LED and visible distance up to 25 meters
- IR-Cut filter brings better video quality in the daytime and nighttime
- Compliant with IEEE 802.3af PoE interface
- IP66 weather proof construction
- 2-Way audio supported with external speaker and microphone
- Supports 3GPP for iPhone and Android phone for remote view
- DDNS, PPPoE and FTP uploading offers more alternatives in surveillance network
- 10 Motion Detection features can monitor any suspicious movement in a specific area
- Easy configuration and management via Windows-Based utility or web browser
- Supports ONVIF v1.0, v1.02 and v1.01 standard

APPLICATIONS

PLANET ICA-HM312 is providing integrated surveillance applications to deliver crisp and clear images, perfect for the identification of objects and persons.



SPECIFICATION

Product	2 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
Model	ICA-HM312
<b>Video Specification</b>	
Image Sensor	1/2.7" 2Mega Sensor
Lens	4mm Fixed Lens with Fixed Iris
Sensitivity	0.2 Lux @ F1.2
View Angle	H: 71 Degree V: 49 Degree
Video Encoder	H.264 / MPEG-4 / M-JPEG
Rate Control	CBR (Constant Bit Rate) / VBR (Variable Bit Rate)
Video Resolution	1920 x 1080 / 1280 x 720 / 640 x 360 / 320 x 180 / 160 x 90
Frame Rate	Up to 30fps for all resolutions (2M Real-time)
Image Control	AE, AWB 3D Noise reduction Color, Brightness, Sharpness, Contrast, Hue Mirror/Flip 8 Privacy Masks Text, time and date overlay
<b>Audio Specification</b>	
Audio Codec	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR
Audio Streaming	One-Way or Two-Way
Microphone (Audio Input)	External microphone input, Phone Jack
Audio Output	Adjustable audio output gain, Phone Jack

Network and Configuration	
Network Interface	1 x RJ-45
Network Standard	IEEE 802.3 / IEEE 802.3u / IEEE 802.3af
Network Protocol	IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP
Browser / Software	TCP/IP, UDP, RTP, RTSP, HTTP, ICMP,FTP, SMTP, DHCP, IGMP Microsoft ® Internet Explorer 6.0 or later, Cam Viewer Plus Lite/Pro
Motion Detection	10 areas definable
Environment Specifications	
Power Requirement	12V DC, 1A
PoE	IEEE 802.3af
Dimension (W x D x H)	86 x 81 x 97 mm
Weight	900 g
Power Consumption	Max. 8W for camera and IR LEDs
Protection Class	IP66 classification with Weather proof
Operating Temperature	-20 ~ 50 Degree C
Operating Humidity	0 ~ 95% (non-condensing)
Emission	CE, FCC

## ORDERING INFORMATION

ICA-HM312	2 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
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## RELATED PRODUCTS

ICA-HM351	2 Mega-Pixel 35M IR Outdoor Box PoE IP Camera
ICA-HM316	2 Mega-Pixel Outdoor IR PoE IP Camera
ICA-HM316W	2 Mega-Pixel 11m Outdoor IR IP Camera
ICA-HM136	H.264 2Mega-Pixel 20M IR Vandal Proof Dome IP Camera
ICA-HM718	18x Optical Zoom WDR IP Camera
GSD-808HP	8-Port 10/100/1000Mbps 802.3at PoE Desktop Switch