

## 2 Mega-Pixel 35M IR Outdoor Box PoE IP Camera



PLANET announces new generation 2 Mega-Pixel series IP Camera, the ICA-HM351, to bring users high resolution surveillance both at day and night. The ICA-HM351, 2 Mega-Pixel (1920 x 1080) 35 meters IR Outdoor PoE IP Camera, supports the highest video compression – H.264, which provides small video size and save you lots of bandwidth usage. The new video compression is the best solution for Internet video transmission.

### *Multi Profiles Streaming*

The Multi-Profile Streaming function supported enables the ICA-HM351 to 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-HM351 provides 2-Way audio function for surveillance. It can remotely talk to anyone at the ICA-HM351 site with additional speaker connected to the camera. Via two ICA-HM351, users can easily communicate to each other for surveillance control.

### *PoE Makes Installation Conveniently Anywhere*

Compliant with IEEE 802.3af PoE standard, the ICA-HM351 can be located in any place where there is no power outlet available. Through Power over Ethernet, the installers are fearless for the power breakdown at the remote site because the network devices can be powered from the central station where UPS is installed.

### *Day & Night Operations*

The ICA-HM351 features zero-lux illumination. Its 35 IR illuminators built around the lens bring the clearest vision at night. Through the new LED technology, the illuminator ensures high-quality monochrome images in complete darkness up to 35 meters.

### *Weather Proof / Built-in Fan and Heater*

The ICA-HM351 infrared Internet camera performs reliable operation in any environment. With the Aluminum rugged all-weather housing enclosure, the ICA\_HM351 maintains the reliable operation in any environment. Moreover, it has built-in fan and heater to prevent the machine overheated or sub cooling.

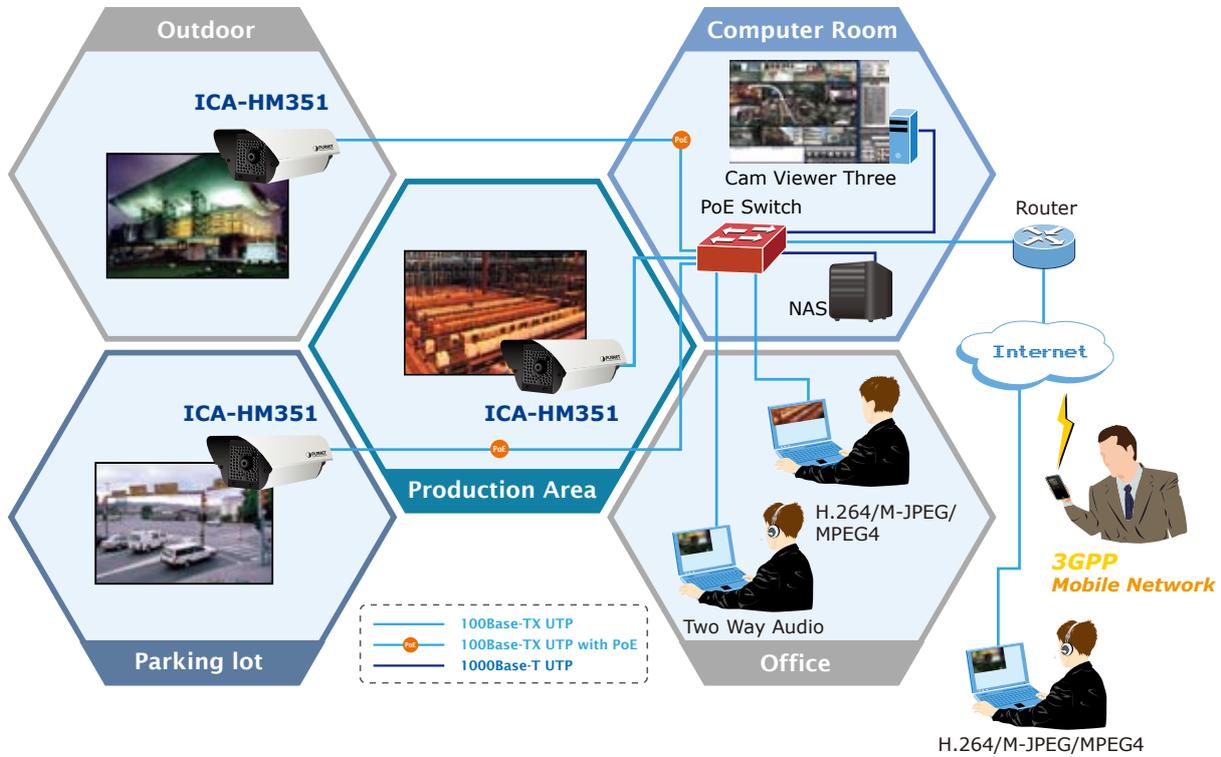
### *ONVIF Certified / Professional Software*

The ICA-HM351 follows the ONVIF v1.01 and v1.02 standard SDK for users to integrate with the third party software. The ICA-HM351 can also work with PLANET Cam Viewer 3 Lite / Pro Management software and Network Video Recorder products for video surveillance application and provides monitoring, recording and event management functions 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 35 meters
- IR-Cut filter brings better video quality in the daytime and nighttime
- Compliant with IEEE 802.3af PoE interface
- 2-Way audio supported with external speaker and microphone
- Supports 3GPP via 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 and v1.01 / v1.02 Standard
- Industrial design with -30 to 60 Degree C operating temperature

APPLICATIONS



PLANET ICA-HM351 is providing integrated surveillance applications to deliver crisp and clear images, perfect for the identification of objects and persons.

SPECIFICATION

Product	2 Mega-Pixel 35M IR Outdoor Box PoE IP Camera
Product	ICA-HM351
<b>Video Specification</b>	
Image Sensor	1/2.7" Progressive CMOS
Lens	4mm fixed lens with Fixed Iris
Sensitivity	0.5 Lux @ F1.4
View Angle	H: 66 Degree V: 52 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	Microsoft ® Internet Explorer 6.0 or later PLANET Cam Viewer 3 Lite/Pro
Motion Detection	10 areas definable

**Environment Specifications**

Power Requirement	12V DC, 1A						
PoE	IEEE 802.3af (PoE is for IP cam & IR LED only, Heater & fan require external adaptor)						
Dimension (W x D x H)	141 x 310 x 120 mm						
Weight	1335 g						
Power Consumption	Max. 8W for camera and IR LEDs Max. 5W for heater only						
Illumination LED	88pcs IR LED, 35M IR Distance						
Heater & Fan	<table border="0"> <tr> <td>Heater</td> <td>Blower</td> </tr> <tr> <td>ON: 15°C</td> <td>ON: 37°C</td> </tr> <tr> <td>OFF: 25°C</td> <td>OFF: 25°C</td> </tr> </table>	Heater	Blower	ON: 15°C	ON: 37°C	OFF: 25°C	OFF: 25°C
Heater	Blower						
ON: 15°C	ON: 37°C						
OFF: 25°C	OFF: 25°C						
Protection Class	IP-66 classification with Weather proof						
Operating Temperature	-30 ~ 60 Degree C						
Operating Humidity	0 ~ 95% (non-condensing)						
Emission	CE, FCC						

**ORDERING INFORMATION**

ICA-HM351	2 Mega-Pixel 35M IR Outdoor Box PoE IP Camera
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**RELATED PRODUCTS**

ICA-HM316	2 Mega-Pixel Outdoor IR PoE IP Camera
ICA-HM316W	2 Mega-Pixel 11n Outdoor IR IP Camera
ICA-HM136	H.264 2 Mega-Pixel 20M IR Vandal Proof Dome IP Camera
ICA-HM718	18x Optical Zoom WDR IP Camera
FSD-804PS	8-Port 10/100Mbps with 4-Port PoE Web Smart Ethernet Switch
CV3P-4	4-Channel Cam Viewer 3 Professional
CV3P-8	8-Channel Cam Viewer 3 Professional
CV3P-16	16-Channel Cam Viewer 3 Professional
CV3P-36	36-Channel Cam Viewer 3 Professional
CV3P-64	64-Channel Cam Viewer 3 Professional
CV3-M1024	1024-Channel Central Management Software