

3 Mega-pixel Remote Focus Bullet IR IP Camera



Professional, High Resolution, Day and Night Network Camera

PLANET ICA-3350P Network Camera with IR Illuminator is a high-resolution camera for the round-the-clock surveillance over IP networks. This camera supports H.264, MPEG-4, and M-JPEG compression formats and delivers excellent picture quality in 3 mega-pixel resolutions. In addition, ICA-3350P comes with the Smart Focus to make installation and adjustment easier by allowing remote focus and zoom in/out adjustment. For easy management and waterproofing, it is also equipped with a mounting bracket that conceals all cables within.



Day & Night Functionality

To adapt to constantly changing lighting conditions, the ICA-3350P comes with a removable IR-cut filter and built-in IR illuminators, which enable the camera to provide color video when there is sufficient light, and black/white video in dark conditions. The ICA-3350P is able to maintain clear images 24 hours a day.



Camera

- 1/3" 3MP progressive scan CMOS sensor
- 3~10.5 mm vari-focal, DC auto-iris lens
- Maximum resolution 2048 x 1536
- Smart focus and remote zoom supported
- Built-in 4 high power IR illuminators, effective up to 30 meters
- Minimum illumination down to 0.5 lux in day mode, 0 lux in night mode (IR on)
- Removable IR-cut filter for Day & Night function

Video / Audio

- Simultaneous H.264 / MPEG-4 and M-JPEG video compression
- Simultaneous multi-stream support
- Max. resolution of 3 mega-pixel at 20fps and 1080p at 30fps
- 2DNR to improve picture quality at low lux
- WDR Enhancement function strengthens visibility under extremely bright or dark environments
- Two-way audio support with enhanced audio quality

Network and Configuration

- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Auto MDI/MDI-X supported
- Supports both IPv6 and IPv4
- RTSP / UPnP / HTTPS protocols selectable

Easy Installation & Management

- ONVIF compliant for interoperability
- IP66 outdoor classifications with cable management bracket for rigorous environment
- Micro SD card for local video recording supported
- Digital input/output for integration with sensors and alarms
- RS485 communication supported
- PLANET Smart Discovery Lite, Cam Viewer 3 central management software supported

Exceptional Image Quality

Together with powerful image processing attributes like Wide Dynamic Range and 2-Dimensional Noise Reduction technology, the ICA-3350P is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.



Advanced Event Management

The ICA-3350P supports a number of advanced features to enhance surveillance flexibility and event management capabilities. The advanced features include auto-iris for improving the image quality to avoid overexposure, AV out, two-way audio function, and inputs/outputs for connecting to external devices such as door sensors and relays to activate light or close doors.

Two-Way Audio



Flexible Installation and Power Functionality

The ICA-3350P incorporates IEEE 802.3af Power over Ethernet technology and can be powered from a PoE Switch via the network, which eliminates the need for power cables and reduces installation costs. The ICA-3350P is ONVIF-compliant and therefore interoperable with other brands in the market, greatly supporting users to integrate with their existing surveillance network. In addition, the ICA-3350P includes 64-Ch central management software for efficient monitoring. The ICA-3350P is indisputably the top choice for reliable and high performance surveillance.



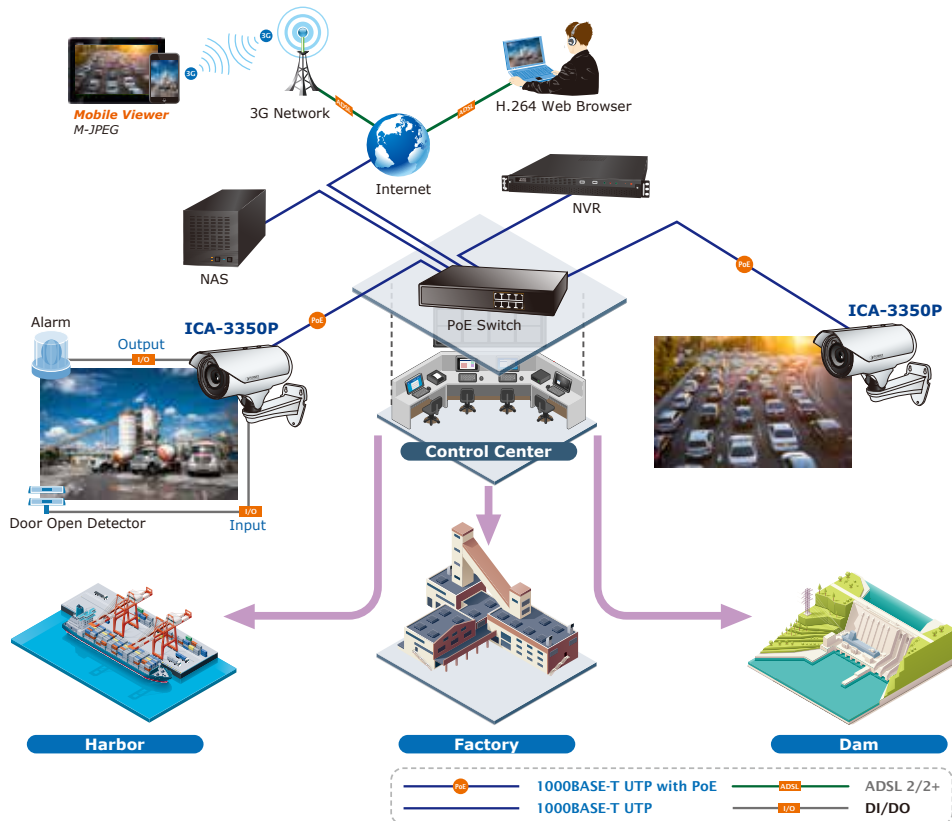
Water Resistance and Dust-proof Protection

The IP66-rated housing protects the camera body against rain and dust and ensures operation under extreme weather conditions, which makes it an ideal solution for outdoor applications, such as buildings, roads, parking areas, garages, railway stations and airports.



Applications

PLANET ICA-3350P can perform in various surveillance applications. With high-resolution design, it can capture clear images and is perfect for identifying objects and persons. Moreover, the ICA-3350P supports 802.3af PoE interface and facilitates the outdoor surveillance applications without worrying the electric source area.



Specifications

Model	ICA-3350P
Camera	
Image Device	1/3" 3 mega-pixel progressive scan CMOS sensor
Lens	3~10.5 mm vari-focal Angle of view : H: 91.2~25.5 degrees V: 68.4~19.1 degrees D: 114~31.9 degrees
Min Illuminator	Color: 0.5 lux @ 30 IRE B/W: 0 lux @ IR ON
IR Illumination LED	4 x high power IR LED, 850nm Built-in IR illuminators, effective up to 30 meters *The IR distance is based on the environment
Effective Pixels	2048 x 1536 pixels
Image	
Video Encoder	H.264 / MPEG-4 / M-JPEG
High Resolution Mode	H.264 @QXGA (2048 x 1536) MPEG4 @1080p MJPEG @D1
Frame Rate	QXGA (2048 x1536): 20fps 1080p (1920 x 1080): 30fps Quad-VGA (1280 x 960): 30fps 720p (1280 x 720): 30fps D1 (720 x 480): 30fps VGA (640 x 480): 30fps QVGA (320 x 240): 30fps
Image Setting	Brightness, sharpness, contrast, saturation, mirror, day/night mode, WDR, smart focus, text, time and image overlay
Streaming	Simultaneous multi-profile streaming M-JPEG streaming over HTTP Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (MPEG4 / H.264)
Audio	
Audio Streaming	Two-way audio
Audio Encoder	G.711 μ -law
Microphone	External microphone input
Audio Output	External speaker supported
Network and Configuration	
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Supported Protocols	TCP/IP, IPv4, IPv6, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, HTTPS, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP
Security	Password protection, IP address filtering, HTTPS QoS/DSCP
Users	5 clients on-line monitoring at the same time
System Integration	
Application Programming Interface	Open API for software integration ONVIF Compliant
Alarm Triggering	Intelligent video motion detection and external input 3-zone video motion detection
Alarm Events	File upload via SD card, FTP, email and SAMBA. External output activation Configurable pre/post alarm buffering

General	
Power Supply	12V DC, 2A IEEE 802.3af Class 3
Power Consumption	Max. 9W while IR LED is ON Max. 7W while IR LED is OFF
Housing	Weather-proof IP66-rated housing
Operating Temperature	-20~50 degrees C (32~122 degrees F)
Operating Humidity	20% ~ 85% (non-condensing)
Weight	1200g
Dimensions (Φ x L)	73 x 183 mm
Emission	CE, FCC
Connectors	10/100 Mbps Ethernet, RJ45 DC power jack Terminal block for 1 alarm input, 1 output External microphone input Audio out Micro SD/SDHC card slot (max. 32GB, class 10)

Ordering Information

ICA-3350P	3 Mega-pixel Remote Focus Bullet IR IP Camera
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Related Products

ICA-3150	720P IR Bullet PoE IP Camera
ICA-3250V	Full HD Outdoor IR PoE IP Camera
ICA-3260	60fps Full HD IR Bullet IP Camera
ICA-3550V	5 Mega-pixel Outdoor IR PoE IP Camera
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
NVR-820	8-Ch Network Video Recorder with HDMI
NVR-915	9-Ch Network Video Recorder
NVR-1615	16-Ch Network Video Recorder
NVR-1620	16-Ch Network Video Recorder with HDMI
NVR-3250	32-Ch Rack-mount Network Video Recorder
NVR-3280	32-Ch Rack-mount Network Video Recorder with 8-Bay Hard Disks
CV3-M1024	1024-Channel Central Management Software
FGSW-1816HPS	16-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Web Smart Ethernet Switch
FSD-504HP	4-Port 10/100Mbps 802.3af/at PoE + 1-Port 10/100Mbps Desktop Switch (60 watts)
GS-4210-24P2S	24-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch
GSD-908HP	8-Port 10/100/1000T 802.3at PoE + 1-Port Gigabit Desktop Switch

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