60fps Full HD IR Bullet IP Camera

High Frame Rate (60fps) for Real-time Surveillance Applications

PLANET ICA-3260 Network Camera with IR Illuminator is a high-resolution camera for the round-the-clock surveillance over IP networks. It supports H.264 and JPEG compression formats and delivers excellent picture quality in Full HD resolutions at 60 frames per second (fps). Incorporating the new Exmor RS™ CMOS image sensor, which is specially designed for surveillance applications, the ICA-3260 provides high-quality images under all lighting conditions. 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, e.g. surveillance of buildings, roads, parking areas, garages, railway stations and airports.

Ideal Surveillance Solution for Outdoor Applications
▪ 60fps ▪ Sony Exmor RS ▪ IP66

Day & Night Functionality

To adapt to constantly changing lighting conditions, the ICA-3260 comes with a removable IR-cut filter and built-in low IR illuminators (0.01 lux), which enables the camera to provide color video when there is sufficient light, and black/white video in dark conditions. The ICA-3260 is able to maintain clear images 24 hours a day.

Super low lux for day & night

Camera

- Sony's 1/2.8 type Exmor RS 2.4MP CMOS sensor
- 4.2mm fixed lens with fixed iris
- Super low lux at 0.01 allows the camera to provide a color live view in near darkness
- Max. resolution 1080P at 60fps
- True WDR™ Enhancement to enhance visibility under extremely bright or dark environments
- Alarm will be triggered and immediately alerted to user when motion, audio, tampering, and face and cross line detection are detected
- Built-in 24 IR illuminators, effective up to 20 meters
- Removable IR-cut filter for Day & Night function

Video / Audio

- H.264 and M-JPEG video compression simultaneously
- H.264 high profile, main profile and baseline
- Simultaneous multi-stream support
- 3DNR to improve picture quality at low lux
- Two-way audio support with enhanced audio quality

Network and Configuration

- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Equipped with Gigabit Ethernet port
- Auto MDI/MDI-X supported
- Supports both IPv6 and IPv4
- Built-in Samba client for NAS
- RTSP / UPnP / 3GPP / HTTPS protocols selectable

Easy Installation & Management

- ONVIF compliant for interoperability
- IP66 outdoor classifications for rigorous environment
- 3GPP for 3G mobile remote applications
- RS485 interface for P/T scanner control
- Digital Input/Output for integration with sensors and alarms
- Cam Viewer 3 central management software supported

Exceptional Image Quality

Together with powerful image processing attributes like True Wide Dynamic Range and 3D Digital Noise Reduction (3DNR) technology, the ICA-3260 is able to filter the intense backlight surrounding a subject and remove noises from video signal. It brings an extremely clear and exquisite picture quality even under any challenging lighting conditions.
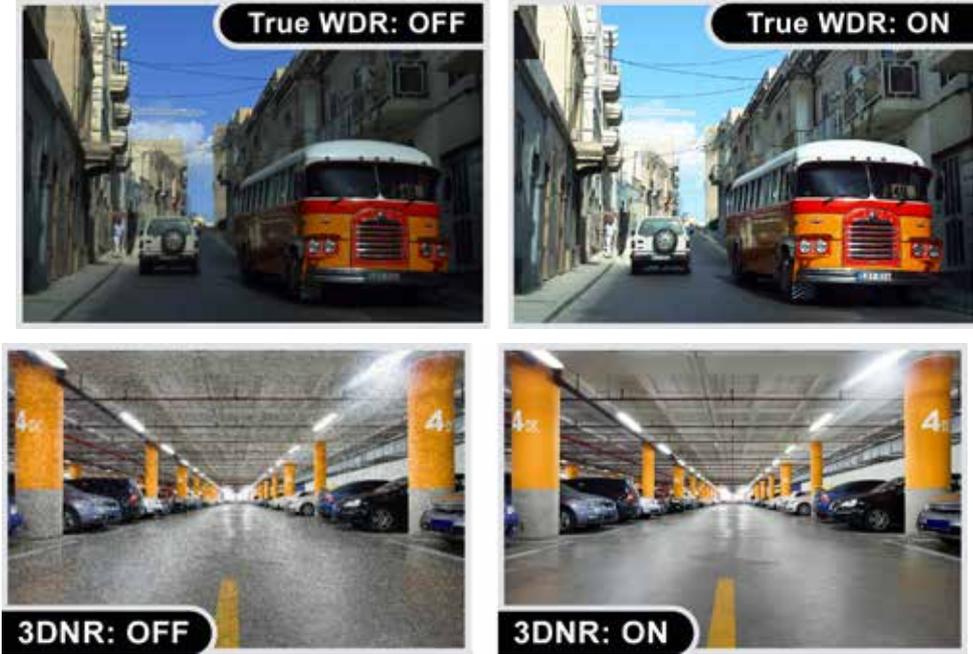
Face Detection and Cross Line Detection

Face Detection detects face and ignores anything else, such as buildings, cars and bodies. When a suspect enters a targeted area, his face is caught in the camera, thereby triggering an alarm. Cross Line Detection is an application especially suitable for general entrance and exit detection in low traffic areas. It detects objects such as persons and vehicles that cross a defined virtual line.

Face Detection   *Cross Line Detection*

Camera Tampering and Audio Detection

Provided with three individually configurable motion detection zones, the ICA-3260 can record video or trigger alarms and alerts when motion is detected in user-specified areas of the camera image. Also, its external microphone enables the system to capture the sound that is out of reach of camera's surveillance range and to trigger the audio detection alarm when sounds like screams, glass breaking, etc are detected.

Tamper Detection   **Audio Detection**

Advanced Event Management

To enhance surveillance flexibility and event management capabilities, the ICA-3260 supports a number of advanced features including auto-iris to avoid over exposure, AV out to perform the two-way audio function, RS485 to connect to an optional pan/tilt enclosure which effectively supports pan/tilt functionality, and inputs/outputs to connect with external devices such as door sensors and relays to activate light or close doors.

2-way Audio

Flexible Installation and Power Functionality

The ICA-3260, incorporating IEEE 802.3af Power over Ethernet standard, is able to be powered via the network cable from a PoE power sourcing equipment such as PoE switch and PoE injector. It thus eliminates the need for extra power cables and reduces installation costs while increases the deployment flexibility. In addition, the ICA-3260 provides advanced features such as the Gigabit Ethernet transmission, giving users the utmost in bandwidth flexibility and storage efficiency. The ICA-3260 is ONVIF compliant and therefore interoperable with other manufacturers' products. It also includes 64-CH central management software for ease of maintenance and remote monitoring. The ICA-3260 is indisputably the top choice for reliable and high-performance surveillance.

Applications

PLANET ICA-3260 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-3260 supports 802.3af PoE interface, and facilitates the indoor surveillance applications without worrying the electric source.

Its Save-to-NAS makes you easy to save your data. Besides, NVR and Web UI management make you easy to do the configuration and live viewing. Moreover, viewing your baby on your smart phone would give you a peace of mind.

Of course, this nice camera supports 802.3af PoE interface and facilitates the outdoor surveillance applications without worrying the electric source. With so many features offered, the ICA-3260 no doubt is your best choice for outdoor surveillance solution.
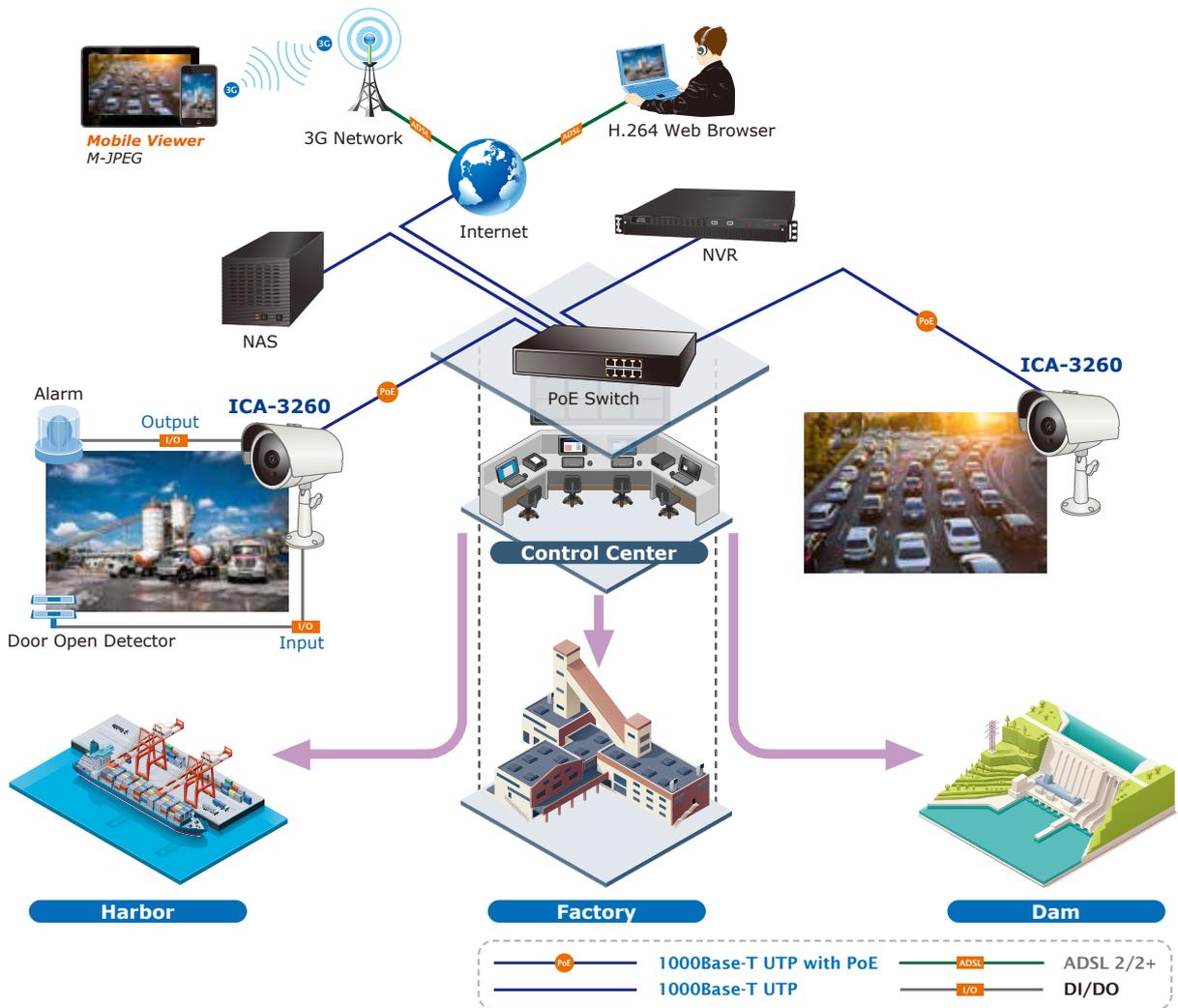
Specifications

Model	ICA-3260
Camera	
Image Device	1/2.8 type Sony Exmor RS progressive scan CMOS sensor
Lens	4.2mm, fixed lens Mechanical IR-cut filter Angle of view : horizontal: 74 degrees / vertical: 57 degrees
Min Illumination	0.1 lux (color) 0.01 lux (B/W)
IR Illuminations	IR LED x 24, 850nm Built-in IR illuminators, effective up to 20 meters *The IR distance is based on the environment
Effective Pixels	1920 x 1080 pixels (Full HD)
Image	
Video Compression	H.264 / M-JPEG
Video Resolution	**1080P mode** H.264: 1080P / 640 x 480 M-JPEG: 1080P / 640 x 480 **1080P mode with WDR** H.264: 1080P / 640 x 480 M-JPEG: 1080P / 640 x 480
Frame Rate	Up to 60fps for all resolutions
Image Setting	AE, AWB 3D Noise reduction True WDR Color, brightness, sharpness, contrast, hue Mirror/Flip 10 Privacy Masks Text, time and date overlay Overlay image on video Digital Image Stabilization (DIS)
Streaming	Simultaneous multi-profile streaming Streaming over UDP, TCP, HTTP, or HTTPS M-JPEG streaming over HTTP (server push) Controllable frame rate and bandwidth AOI
Audio	
Audio Streaming	Two-way audio
Audio Compression	RTSP: G.711 64kbps, G.726 32kbps
Microphone	External microphone input
Audio Output	Adjustable audio output gain
Network and Configuration	
Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T
Protocol	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, Samba, ICMP, SNMP, QoS
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
Users	20 clients on-line monitoring at the same time
System Integration	
Application Programming Interface	Open API for software integration ONVIF Compliant
Alarm Triggers	Intelligent Motion / Tampering / Audio / Face / Cross line detection and external input
Alarm Events	File upload via FTP, Samba to NAS, email Notification via email, HTTP, and TCP External output activation Audio alert output Go to PTZ preset position
Video Buffer	Pre- and post-alarm buffering

General	
Power Requirement	12V DC, 1A IEEE 802.3af Class 3
Power Consumption	8W max.
Operating Temperature	-20 ~ 50 degrees C
Operating Humidity	5 ~ 95% (non-condensing)
Weight	900g
Dimensions (W x D x H)	86 x 81 x 97 mm
Emission	CE, FCC
Connectors	10/100/1000 Mbps Gigabit Ethernet, RJ-45 DC power jack Terminal block for 1 alarm input and 1 output RS-485 interface for scanners, pan/tilt External mic input Audio out Factory default reset button

Ordering Information

ICA-3260	60fps Full HD IR Bullet IP Camera

Related PoE Products

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
ICA-4210P	60fps Full HD IR IP Camera with Remote Focus and Zoom
ICA-3250V	Full HD Outdoor IR PoE IP Camera
ICA-3350V	3 Mega-pixel Vari-focal Bullet IR IP Camera
ICA-3550V	5 Mega-Pixel Outdoor IR PoE IP Camera
ICA-HM312	2 Mega-pixel 25M IR Outdoor Bullet PoE IP Camera
ICA-HM316	2 Mega-pixel Outdoor IR PoE IP Camera
ICA-HM316W	2 Mega-Pixel 11n Outdoor IR IP Camera
IGS-10020HPT	Industrial 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch with Wide Operating Temperature
IGS-624HPT	Industrial 4-Port 10/100/1000T 802.3at PoE+ w/ 2-Port 100/1000X SFP Ethernet Switch
ISW-514PS	4-Port 10/100Mbps with PoE + 1-Port 100FX Industrial Web Smart Switch
NVR-420	4-Ch Network Video Recorder with HDMI
NVR-810	8-CH Network Video Recorder
NVR-820	8-CH Network Video Recorder with HDMI
NVR-1610	16-CH Network Video Recorder
NVR-1620	16-CH Network Video Recorder with HDMI
NVR-3210	32-CH Network Video Recorder
NVR-3250	32-Ch Rack Mount Network Video Recorder

ICA-3260