60fps Full HD Vandalproof IR IP Camera

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

PLANET ICA-5260V PoE IP Camera with zero-lux illuminator provides high-resolution images 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-5260V is also equipped with IP66-rated and IK10 vandalproof housing which protects the camera body against rain and dust, and ensures operation under extreme weather conditions, thus making it an ideal solution for outdoor applications, e.g., surveillance of buildings, roads, parking areas, garages, railway stations and airports.

Day & Night Functionality

To adapt to constantly changing lighting conditions during the day and night, the ICA-5260V comes with a removable IR-cut filter and built-in low IR illuminators (0.01 lux), which enable the camera to provide color video when there is sufficient light, and show color video in dark conditions (IR LED off). The camera is able to maintain clear images 24 hours a day.

Camera

- Sony's 1/2.8 type "Exmor RS" 2.4MP CMOS sensor
- 3~9 mm vari-focal, DC auto-iris lens
- Super low lux@0.01
- Maximum resolution 1920 x 1080 at 60fps
- True WDR enhancement to enhance visibility under extremely bright or dark environments
- Removable IR-cut filter for day & night function
- Built-in 18 IR illuminators, effective up to 20 meters

Video / Audio

- Simultaneous H.264 and M-JPEG video compression
- Simultaneous multi-stream support
- H.264 high profile, main profile and baseline
- 3DNR to improve picture quality at low lux
- WDR enhancement for enhanced 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 protocols
- RTSP / UPnP / 3GPP / HTTPS protocols selectable
- Detects multiple events with SNMP management

Easy Installation & Management

- ONVIF compliant for interoperability
- IK10 / IP66 classification with vandal and weather proof
- Built-in Samba client for NAS
- Sends event log to e-mail / FTP and Samba when files are stored on mSD card
- 3GPP for 3G mobile remote applications
- Micro SD card local video recording supported
- Digital Input/Output for integration with sensors and alarms
- Cam Viewer 3 central management software supported
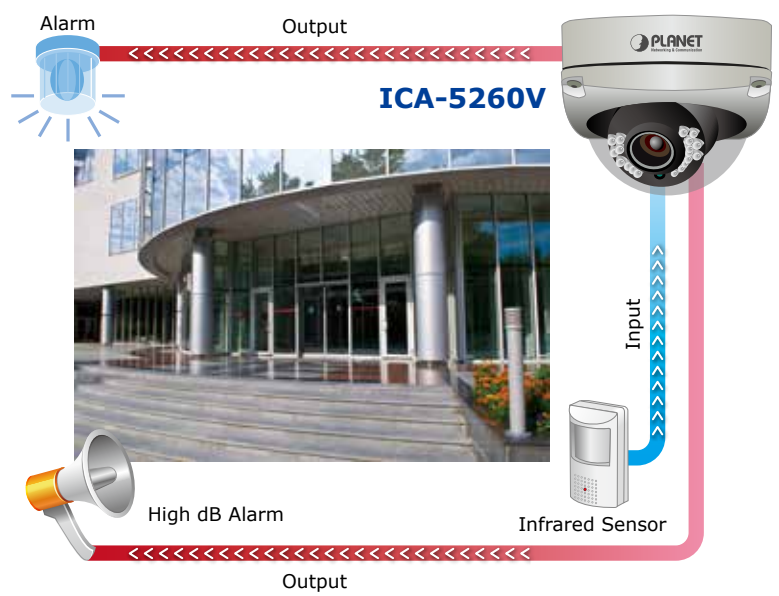
Exceptional Image Quality

Together with powerful image processing attributes like Wide Dynamic Range (WDR) and 3-Dimensional Noise Reduction (3DNR) technology, the ICA-5260V 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-5260V also supports a number of advanced features that give the camera increased flexibility and capabilities, including auto-iris for improving the image quality to avoid over exposure, AV out for performing the two-way audio function and inputs/outputs for connecting external devices such as door sensors and relays to activate light or close doors.

Digital Input /Output

For External Sensor in and Alarm out

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Flexible Installation and Power Functionality

The ICA-5260V incorporates Power over Ethernet so that the camera can be powered via the Ethernet cable, eliminating the need for power cables and reducing installation costs. The ICA-5260V is ONVIF-compliant and therefore interoperable with other manufacturers' products. It also includes 64-CH central management software. The ICA-5260V is indisputably the top choice for reliable and high performance surveillance.

Face Detection and SD Card

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 which will be sent to e-mail, FTP or Samba. All these files are then saved on SD card even though network connection is lost.
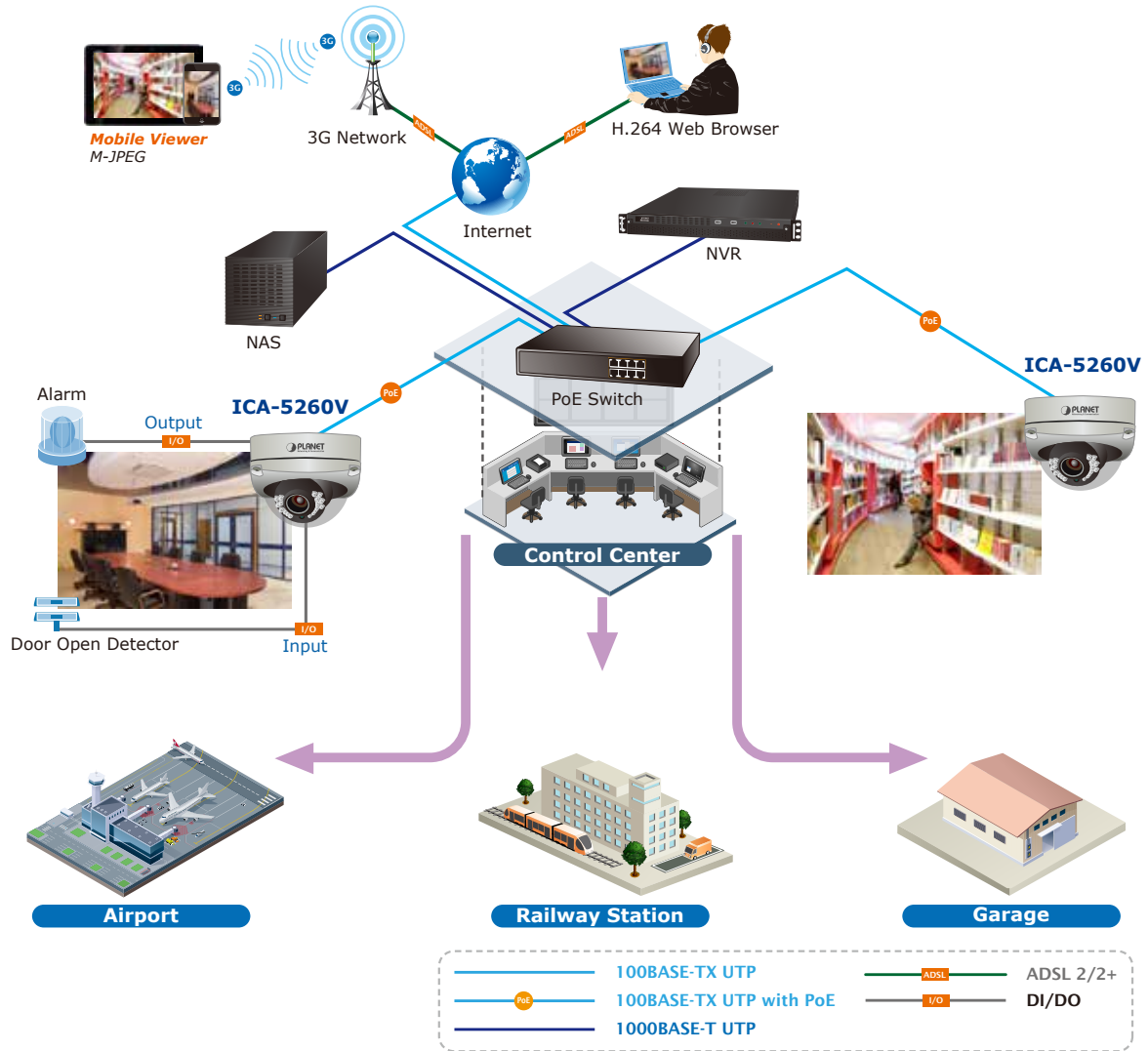

Face Detection

Tamper Detection

Applications

PLANET ICA-5260V 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-5260V supports 802.3af PoE interface and facilitates the outdoor surveillance applications without worrying the electric source.

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Specifications

Model	ICA-5260V
Camera	
Image Device	1/2.8" 2.4mega-pixel with Sony Exmor™ CMOS sensor
Lens	Vari-focal 3~9 mm, DC auto-iris Mechanical IR-cut filter Angle of view: Horizontal: 28~103 degrees Vertical: 15~52 degrees
Min Illuminator	Color: 0.01 lux (AGC ON) B / W: 0.005 lux (AGC ON)
IR Illumination LED	IR LED*18, 850nm Built-in IR illuminators, effective up to 20 meters
Effective Pixels	1920 x 1080 @60fps
Video	
Video Encoder	H.264 / M-JPEG
Video Profile	H.264: 1080P / SXGA / 1280 x 960 / 720P / SVGA / WVGA / VGA / 640 x 360 / QVGA / QCIF M-JPEG: 1080P / SXGA / 1280 x 960 / 720P / SVGA / WVGA / VGA / 640 x 360 / QVGA / QCIF 3GPP: H.264 QVGA
Frame Rate	Up to 60fps for all resolutions
Image Setting	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Time, Sense-Up, WDR, Flip, Mirror, Noise reduction, White Balance, Day & Night adjustable
Streaming	Simultaneous multi-profile streaming M-JPEG streaming over HTTP Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (H.264)
Audio	
Audio Streaming	Two-way audio
Audio Encoder	RTSP: G.711 / G.726 3GPP: AMR
Microphone	Terminal block
Audio Output	Terminal block
Network and Configuration	
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Supported Protocols	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Security	Password protection, user access log
Users	10 simultaneous unicast users
System Integration	
Application Programming Interface	Open API for software integration SDK
Alarm Triggers	Intelligent video motion detection and external input 3-zone video motion detection
Alarm Events	File upload via FTP, email and SAMBA. External output activation Configurable Pre/Post alarm buffering
General	
Power Supply	12V DC, 1A IEEE 802.3af Class 3
Power Consumption	12V DC (max): 5.28W (IR On), 3.84W (IR Off) PoE (max): 802.3af, 6.72W (IR On), 5.28W (IR Off)
Housing	IK10 / IP66 classification with vandal and weather proof
Operating Temperature	-20 ~ 50 degrees C
Operating Humidity	20 ~ 80% (non-condensing)
Weight	890g
Dimensions (W x D x H)	126 x 126 x 100 mm
Emission	CE, FCC
Connectors	10/100 Mbps Ethernet, RJ-45 DC power jack Factory default reset Micro SD/SDHC card (Max. 32GB, Class 6) Composited video out (Max. resolution: D1 720 x 480 pixel) Terminal block for 1 alarm input, 1 output, external mic input and audio out

Ordering Information

| ICA-5260V | 60fps Full HD Vandalproof IR IP Camera |

Related Products

ICA-5550V	5 Mega-pixel Vandalproof IR IP Camera
ICA-HM136	H.264 2 Mega-pixel 20M IR Vandalproof Dome IP Camera
ICA-4210P	60fps Full HD IR IP Camera with Remote Focus and Zoom
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-1620	16-CH Network Video Recorder with HDMI
NVR-3210	32-CH Network Video Recorder
NVR-3250	32-Ch Rack Mount Network Video Recorder
IGS-10020HPT	Industrial 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch with Wide Operating Temperature
CV3-M1024	1024-Channel Central Management Software

ICA-5260V