

Product Specifications

2 Mega-pixel PoE Plus Speed Dome IP Camera with Extended Support

ICA-E6260

Version 1.2

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Change History:

Revision	Date	Author	Change List
Version 1.0	2016/01/15	Keithy	Initial release
Version 1.1	2016/01/28	Keithy	Remove Micro SDXC card information
Version 1.2	2018/08/30	Keithy	Remove CV7L.

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Reviewed by:	Jonas	Approved by:	Kent

1. PRODUCT DESCRIPTION



Robust PTZ IP Camera for Demanding Surveillance

PLANET ICA-E6260, a high-performance outdoor PTZ speed dome surveillance camera, includes advanced auto tracking designed for the most demanding video surveillance applications. With powerful image of 1080p at 60fps, endless 360° pan and 33x optical zoom capabilities, it enables distant objects to be monitored in sharp detail. The ICA-E6260 has an IP67-rated housing that can withstand any harsh temperature ranging from -40°C to 55°C.

Professional, High-resolution Network Camera

The ICA-E6260 is a high-resolution camera for the round-the-clock surveillance. This camera supports H.264 and MJPEG compression formats and delivers excellent picture quality in 2 mega-pixel resolutions at 60 frames per second (fps).

Day & Night Functionality

To adapt to constantly changing lighting conditions during the day and night, the ICA-E6260 comes with a removable IR-cut filter and superior low light sensitivity, which enable the camera to provide color video when there is sufficient light, and black/white video in dark conditions. The ICA-E6260 is able to maintain clear images 24 hours a day.

Exceptional Image Quality

Together with powerful image processing attributes like True Wide Dynamic Range (True WDR) and 3-dimensional Noise Reduction (3DNR) technology, the ICA-E6260 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.

Effective Surveillance for Wide Area Coverage

When enabling the auto-tracking function, a moving object within the camera's field of view can be automatically detected and followed like being automatically zoomed in and focused on. This is particularly beneficial in unmanned video surveillance setups with automated recording.

High-level Protection

With the IK09 vandal-resistant housing, the ICA-E6260 ensures resistance against impacts that might destroy its body to the extent that the ongoing monitoring may be interrupted or totally disrupted. Users are thus confident in using the ICA-E6260 to have their perimeters checked and monitored to its fullest possible.

Outdoor Installation

The ICA-E6260 is also equipped with IP67-rated housing to protect the camera body against rain and dust, and ensures operation under extreme weather conditions.

Extended Support with Specific Software

The ICA-E6260 IP camera is able to provide advanced surveillance applications with specific software such as video analytics. It supports PLANET CV7-VA video analytics that is designed to transform your video surveillance network into a smart detection system. The software provides Enter Area, People Counting, Missing Object, Line Crossing, Unattended Object and Tamper functions. Once a suspicious activity is detected, users can play back to watch these events and use them as references or evidences if needed.

Flexible Installation and Power Functionality

The ICA-E6260, adopting the IEEE 802.3at high Power over Ethernet technology, can be powered from a PoE injector via the network, which eliminates the need for power cables and reduces installation costs. In addition, the ICA-E6260 is ONVIF-compliant and therefore interoperable with other brands in the market, greatly supporting users to integrate with their existing surveillance network.

2. PRODUCT FEATURES

➤ Camera

- 1/2.8" 2 mega-pixel progressive scan CMOS sensor
- Auto-focal 4.5~148.5 mm, auto-iris lens
- 0.05 lux minimum illumination at F1.6
- Maximum resolution 1920 x 1080
- 33 x 10 zooming (33x optical, 10x digital) adjustment
- Endless 360-degree pan
- Auto white balance and auto electronic shutter time (1/5 ~ 1/32k sec)
- Removable IR-cut filter for Day & Night function

➤ Video and Audio

- H.264/MJPEG video compression
- Simultaneous multi-stream support
- H.264 high profile, main profile and baseline
- Max. resolution of 1080p at 60fps
- Automatic object detection and tracking
- 3DNR to improve picture quality at low lux
- Digital image stabilizer supported
- True 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 802.3at high PoE interface for flexible deployment
- Supports both IPv6 and IPv4 protocols
- RTSP, UPnP, Bonjour and HTTPS protocols selectable

➤ Easy Installation and Management

- ONVIF compliant for interoperability
- IK09 and IP67 rating
- Micro SD card slot for video recording
- Digital Input/Output for integration with sensors and alarms
- Fan and heater with fully automatic intelligent control

3. PRODUCT SPECIFICATIONS

3.1 Component Specifications

CPU	SONY Xarina
RAM	1Gb
Flash	4Gb

3.2 Functional Specifications

Model	ICA-E6260
Camera	
Image Device	1/2.8" 2 mega-pixel progressive scan CMOS Sensor
Lens	Auto-focal 4.5~148.5 mm/F1.6~5.0, auto-iris Mechanical IR-cut filter Angle of view: Horizontal: 3~69.3 degrees
Min. Illuminator	Color: 0.1 lux @ F1.6 (30 IRE, 2400°K) B/W: 0.05 lux (30 IRE, 2400°K)
Effective Pixels	1920 x 1080 pixels
Horizontal Resolution	1800 TVL
Electronic Shutter	1/5~1/32000 sec
S/N Ratio	56dB
Pan/Tilt/Zoom	
Optical Zoom	33x
Digital Zoom	10x
Tele to Wide Speed	2.7 sec
Panning Angle	360 degrees (endless)
Tilting Angle	-20 ~ 200 degrees
Manual Panning Speed	3.2 ~ 72 degrees/sec.
Manual Tilting Speed	1.6 ~ 36 degrees/sec.
Preset Points	256
Preset Tours	10
Preset Panning Accuracy	0.265 degrees
Preset Tilting Accuracy	0.149 degrees
Preset Panning Speed	0.1~300 degrees/sec.
Preset Tilting Speed	0.1~150 degrees/sec.
Resume after Power Loss	Yes
Auto Scan	Yes
Protocol	Sony VISCA, Pelco D, Pelco P
Absolute Position	Yes
PTZ Auto Tracking	Yes

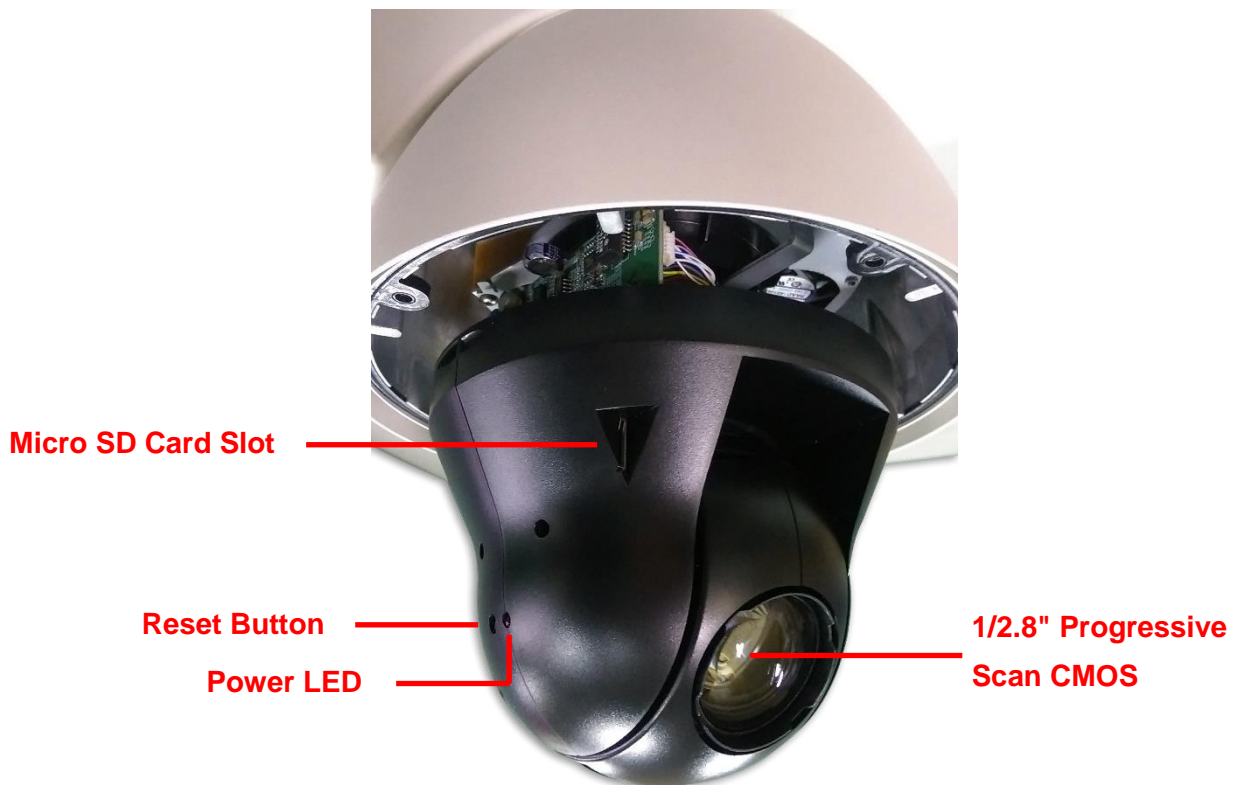
Image	
Video Encoder	H.264/MJPEG
Video Profile	<u>H.264</u> : 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240 <u>MJPEG</u> : 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240
Frame Rate	1920 x 1080 up to 60fps 1280 x 720 up to 60fps 640 x 480 up to 30fps 320 x 240 up to 30fps
Image Setting	Video flipping, video mirroring, brightness, contrast, sharpness, automatic gain control, 2D+3D digital noise reduction, flickerless, true WDR (145dB), exposure, white balance (automatic, manual or hold), OSD, privacy mask (20 regions), digital image stabilizer
Streaming	Simultaneous triple streams based on three configurations Controllable frame rate and bandwidth Constant and variable bit rate
Bit Rate	128Kbps - 12Mbps (per stream)
Text Overlay	User defined text on video
Audio	
Audio Streaming	Two-way audio
Compression	PCM, G.711A, G.711U,
Audio Input/Audio Out	Cable with 3.5mm phone jack
Network and Configuration	
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Protocol and Service	TCP, UDP, HTTP, HTTPs, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, PLANET DDNS, PLANET Easy DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Security	Password protection, IP address filtering, HTTPS encryption, anonymous login, 802.1X network access control
Users	10 simultaneous unicast users
System Integration	
Application Programming Interface	Software Development Kit (SDK) available; ONVIF compliant
Alarm Triggering	Video motion detection (10 regions), tamper, shock detection, sound detection and external input
Alarm Events	Notify control center; go to PTZ preset point or preset tour, change camera settings; command other devices; e-mail notification with snapshots; save video or snapshot to local storage; upload video and snapshot to FTP server; activate external device through digital output
Built-in Analytics	Tamper, shock detection
General	
Power Supply	High PoE (IEEE 802.3at) AC 24V ± 10%
Power Consumption	PoE: 29.4W (with heater) AC 24V: 68W (with heater)
Housing	IK09 and IP67 rating

Operating Temperature	-40 ~ 55 degrees C (within 30mins)
Operating Humidity	10 ~ 85% (non-condensing)
Weight	2500g
Dimensions (Φ x H)	200 x 276 mm
Emission	CE, FCC
Connectors	10/100Mbps Ethernet, RJ45 Micro SDHC card slot (max. 32GB, class 10) Terminal block for 4 alarm input and 2 output External mic. input Audio out AC power jack

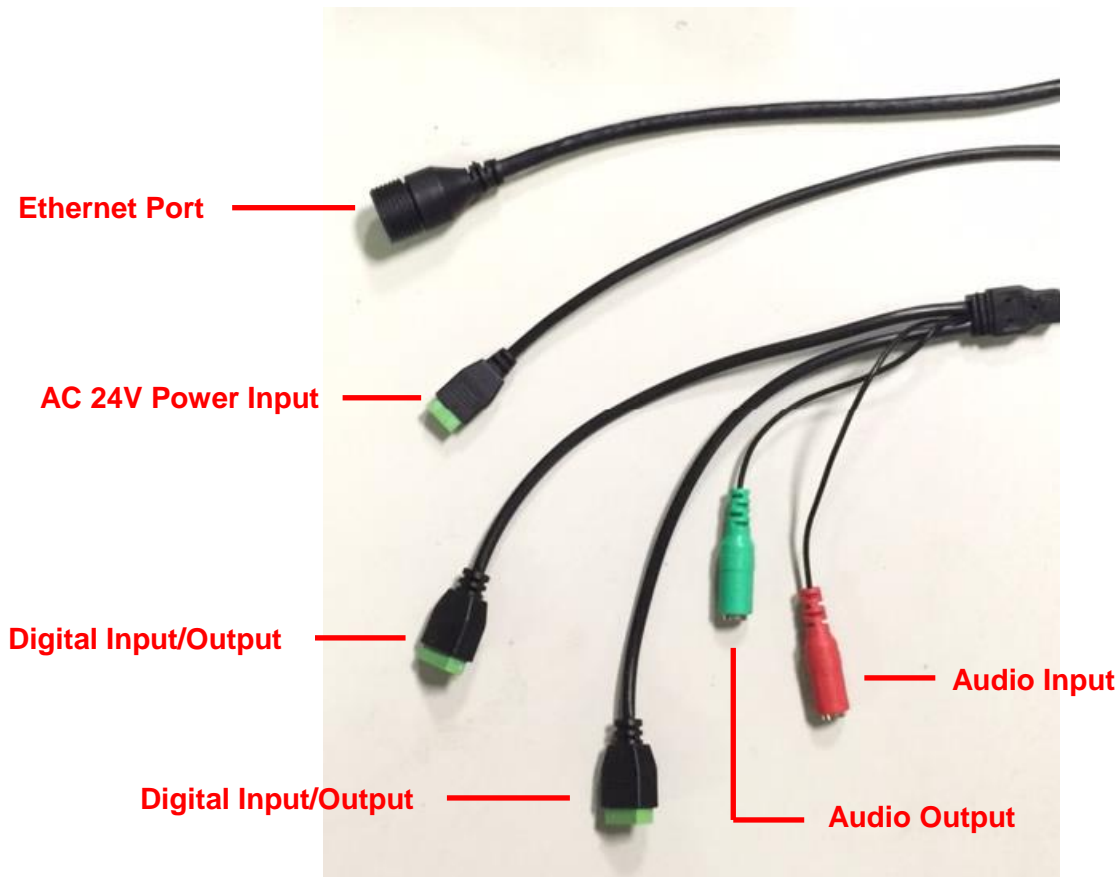
3.3 Physical Specifications

Dimensions (Φ x L)	200 x 276 mm
Weight	2500g

Front View



Interface View



Interface	Description
1/2.8" Progressive Scan CMOS Sensor	Keep this area clean for excellent video quality.
Reset Button	Use the Reset Button to reset the camera to its factory default settings, including the administrator's password. Please refer to the following to restore the camera to factory default settings: <ol style="list-style-type: none"> 1. Power on the camera and wait until the bootup process is complete. 2. Press and hold the Reset button until the Power LED turns off. 3. The camera will reboot and restore to factory default settings.
Micro SD Card Slot	Insert a memory card (not included) into this slot for local recording purposes. (Supports micro SDHC cards only.)
Power LED	The Power LED lights red when the camera is powered up.
Ethernet Port	Connects to a network using a standard Ethernet cable.

Interface	Description
Audio Input	User can connect an external microphone with 3.5mm audio cable to receive audio.
Audio Output	This jack connects to an audio output device, such as a speaker.
Digital Input/Output	Connect to digital input or output devices, such as an alarm trigger, panic button, etc. Digital Input (DI) and Digital Output (DO) devices are used for applications like motion detection, event triggering, alarm notifications, etc.
AC 24V Power Input	This jack connects to the power adapter and power cord to supply power to the camera.

3.4 Environmental Specifications

Temperature

Operating	-40 ~ 55 degrees C
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Operating Humidity

Operating	10 ~ 85% (non-condensing)
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3.5 Electrical Specifications

Device Input Voltage	High PoE (IEEE 802.3at)
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3.6 Regulatory Compliance

FCC, CE, RoHS, WEEE

3.7 Reliability

MTBF > 50,000hrs @ 25 degrees C

3.8 Basic Packaging

- ICA-E6260x 1
- Quick Installation Guide x 1
- Hex Screwdriver x 1
- Mounting Screw Kit x 1
- Cable Gland x 2
- Safety Strap x 1
- Terminal Block x 2

- AC Power Adapter x 1
- Power Cord x 1
- Desiccant Bag x 2
- Bracket x 1
- Mounting Label x 1

3.9 Package Information

Dimensions (W x D x H)	269 x 246 x 422 mm
Weight	5150g
Carton Dimensions (W x D x H)	282 x 2610 x 560 mm
Carton Weight	6.6kg
Carton Unit	1pc in one carton

APPENDIX A: DEFAULT SETTING

Default DHCP Client	On
Default IP Address	192.168.0.20 – if no DHCP server existed in the network
Default Login User Name	admin
Default Login Password	admin
Search Tools	Smart Discovery Lite