

SCI2323

Hyper Mini Dome IP Camera

OVERVIEW

The Hyper Mini Dome IP Camera is an easy setup camera with PoE supported to reduce complicate cabling without sacrificing performance. Quad Streams Compression (H.264 Baseline / Main / High Profile / SVC + MJPEG) are supported for efficient bandwidth and storage management. Up to 4k2k real time resolution is offered for providing high definition images.

Also, the H.264 encoder performance can up to 1080p 60 fps. For dark environments, the camera has incorporated WDR, 3DNR and Day/Night ICR technologies to capture clear images in lowlight conditions.



KEY FEATURES

- Sony Progressive Scan CMOS 8M/6M Sensor
- Low Latency Streaming
- Low Power Consumption on Encoding
- Quad coed cupport (H.264 Baseline / Main Profile/ High Profile / SVC + MJPEG)
- Quad Streams Support
- Tampering Alarm
- Motion Detection
- Text Overlay and Privacy Masks
- 3D Motion Compensated Noise Reduction (MCTF)
- Network Failure Function (ICR)
- IR LED Module support (working distance up to 40m)
- Weatherproof (IP66 International)
- 64GB micro SD Card support
- ONVIF Profile S Support



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Camera

- Image Sensor
 - Z4SA-M: 1/1.8" Sony Progressive CMOS
 - Z4SF-M: 1/1.7" Sony Progressive CMOS
- Effective Pixels
 - Z4SA-M: 6M
 - Z4SF-M: 8M
- Minimum Illumination
 - Z4SA-M Color: TBD
 - Z4SF-M Color: 0.05 lux
 - Z4SA-M B/W: TBD
 - Z4SF-M: 0.005 lux
- Shutter Speed: 1~10000 sec.

Lens

- Lens:
 - Z4SA-M: Motorized
 - Z4SF-M: Motorized
- Focal Length:
 - Z4SA-M: 4-8 mm
 - Z4SF-M: 4-8mm
- F Number:
 - Z4SA-M: F.1.6
 - Z4SF-M: F1.6
- FOV:
 - Z4SA-M: TBD
 - Z4SF-M: TBD

Image Setting

- Multiple Languages: English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese.
- Image Setting
 - Iris Control: DC Iris/P Iris
 - Backlight Compensation: On/Off
 - White Balance: Auto/Manual/ATW/One Push
 - Noise Reduction: 3DNR/2DNR/Color NR
 - Wide Dynamic Range: Gamma WDR On/Off
 - Privacy Mask: On/Off
 - Brightness: Auto/Manual
 - Exposure: Auto/Manual
 - Sharpness: Manual
 - Contrast: Manual
 - Saturation: Manual
 - Hue: Manual

- Digital Zoom: Support
- Privacy Mask Type: Color
- ICR: Auto/Night/Day/Smart
- ICR+IR LED: Auto/Night/Day/LED On/LED Off/Smart IR/Light Sensor
- IR Threshold: Adjustable Levels
- Event Setting
 - Motion Detection: By Schedule/On/Off
 - Tampering Alarm: By Schedule/On/Off
 - Network Failure Detection: By Schedule/On/Off
 - Audio Detection: On/Off
- Audio
 - Two-way Audio: Line In/Line Out
 - Compression: G.711/G.726/AAC/LPCM

Network

- Interface: RJ-45, 15 Gbps Ethernet
- Video Compression: MJPEG/H.264 (MPEG-4 Part 10/AVC) Baseline/Main Profile/SVC
- Video Streaming:
 - Single Stream: H.264 6M(3072x2048) @25/30 fps + H.264 4K2K(3840x2160) @25/30fps
 - Dual Streams: H.264 6M(3072x2048) @25/30 fps + H.264 720P @25/30fps
 - Quad Streams: H.264 1080P @50/60fps + H.264 SXGA@25/30 fps
 - MJPEG: Full HD 1080P/SXGA/720P/XGA/SVGA/D1/VGA/CIF/QVGA
- Protocol: IPv4/v6, TCP/IP, UDP, RTP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
- Security: HTTPS/IP Filter/ IEEE 802.1X
- Alarm
 - Input: 1 Set/ 5v 10kΩ pull up
 - Output: 1 Set / Photo Relay Output 300V DC/AC
- Event Notification: HTTP/FTP/SMTP
- Micro SD: micro SDHC 64GB support
- Supported Web Browser: Internet Explorer (6.0+) / Firefox/Safari
- User Account: 20
- Password Levels: User and Administrator

Mechanical

- Built-in IR Illuminator:
 - Working Distance: up to 40m
 - Wavelength: 850nm
 - Number of LEDs: 6
- LED indicator: Power/Link/ACT
- Connectors
 - Type: Indoor
 - Alarm: 4 of 8 Pin Terminal block
 - Power: 2 Pin Terminal Block
 - Ethernet: RJ-45
 - Analog Video: 10 Vp-p/75Ω

General

- Connectors: -10°C ~ 50°C (14° ~ 122°F)
- Humidity: 10% ~ 90%, No Condensation
- Weatherproof Standard: IP66
- Weight: 370g
- Power Source: DC 12V / AC 24V / PoE
- Power Consumption: System: 9.75W
- Regulatory: CE / FCC