

SCO4123

Dual Shutter Wide Dynamic Range

OVERVIEW

The Full HD Ultra-WDR Speed Dome IP Camera transmits digital video and audio data using wire connection. Live video can be monitored and recorded from windows-based computer via network.

The video encoder supports Real-time H.264 Full HD resolution. Simultaneous Quad Codecs, H.264 Baseline / Main / High Profile, MJPEG, are available for various network applications via speeding or limited bandwidth. Better image quality and high resolution are delivered by IP support. It eliminates the "combing" effect due to scene change and performs more stabilized image.

With IP solution, multiple and authorized users can view the immediate image from any location through network even using a standard web browser. It enables users to access and remote the camera without at specific locations.



KEY FEATURES

- Sony Progressive Scan CMOS Sensor
- 18x / 20x / 30x Optical Zoom
- 12x Digital Zoom
- Dual-Shutter Wide Dynamic Range (>96dB)
Supreme Frame Rate Support
- 1080P @ 60 fps + SXGA @ 60 fps
- Quad Stream Support
- Quad Codec: H.264 Baseline / Main / High Profile + MJPEG
- 2D/3D Noise Reduction
- 802.3 at 60W PoE + Support for Heater Activation
- IP66 International (Outdoor Models Only)



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Operation

- Image Sensor: 1/2.8" Sony Progressive CMOS
- Optical Zoom: 30X
- Digital Zoom: 12X
- Minimum Illumination: 0.04 lux (Color) / 0.009 lux (B/W) @ F1.4
- Wide Dynamic Range: Shutter WDR (>96dB)
- Focus Mode: Auto / Manual
- White Balance: Auto / Indoor / Outdoor / ATW / Manual.
- Iris Control: Auto / Manual
- Electronic Shutter: 1/1 ~ 1/10000 sec.
- AGC Control: Auto / Manual
- Backlight Compensation: On / Off

Lens

- Focal Length: 4.4 ~ 132 mm
- Min. Focus Length: 1 m (Wide); 1.2 m (Tele).
- F Number: F 1.4 (Wide); F 4.7 (Tele)
- FOV: 58.07 (Wide); 2.16 (Tele)

Operation

- Pan Travel: 360° endless
- Tilt Travel: -10° ~ 190°
- Manual Speed: 0.5° ~ 90°/s
- Presets: 256
- Preset Accuracy: 0.225°
- Preset Speed: 5° ~ 400°/s
- Sequence: 8
- Auto Pan: 4
- Cruise: 8
- Privacy Mask: 16
- Proportional Pan & Tilt : On / Off (Pan and tilt speed proportional to zoom ratio).
- Resume after Power loss: Support
- Home Function: Preset / Sequence / Auto pan / Cruise
- Auto Flip: Image / Mechanical / Off
- Motion Detection: Motion Detection Window x 4 sets
- Day / Night: IR Cut Filter: On / Off
- Image Rotation: Flip / Mirror / Inverse
- Electronic Image Stabilizer: On / Off
- Noise Reduction 2D: On / Off
- Noise Reduction 3D: On / Off

Network

- Networking: RJ-45, 1Gbps Ethernet
- Video Compression: MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile
-Single stream: H.264 1080P / 30fps (Shutter WDR Enable) H.264 1080P 60fps (Shutter WDR Disable).
- Dual Streams: H.264 1080P 30fps +1080P 30fps (Shutter WDR Enable) H.264 1080P 60fps + H.264 D1 60fps (Shutter WDR Disable)
- Multiple: H.264 1080P 50/60 fps + H.264 SXGA 25/30 fps + H.264 720P 25/30 fps + H.264 D1 25/30 fps.

Video Resolution

- H264: H.264/MJPEG - Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
- Audio Compression: G.711 / G.726
- Audio Stream: Two-way Audio
- Protocols: IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP.
- Security: HTTPS / IP Filter / IEEE 802.1x
- Alarm Input: 4 Sets / 5V 10kΩ pull up
- Alarm Output: 2 Set / Relay output, max. 2A DC 30V / 0.5A AC 125V
- Alarm Reaction: Preset / Sequence / Auto Pan / Cruise
- Micro SD: microSDXC 64GB Support
- Supported Web Browser: Internet Explore (6.0+) / Chrome / Firefox / Safari
- Password Levels: User and Administrator.

General

- Environment: Indoor / Outdoor
- Operating Temperature indoor: -10°C ~ 50°C (14° ~ 122°F)
- Operating Temperature Outdoor: -40°C ~ 50°C (-40°F ~ 122°F)
- Dimension Indoor: 171.7 x 228.7 mm (6.7 x 9 in.)
- Weight Indoor: 1.6 kg (3.57 lb)
- Weight Outdoor: 2.3 kg (5.11 lb) w/ Sunshield.
- Power Source Indoor: 802.3at PoE+ (30W)/ AC 24V ± 20% / DC 28-48V
- Power Source Outdoor: 802.3at PoE+ (60W With 4 Pair) / AC 24V ± 20% / DC 28-48V
- Power Consumption Indoor: 23 W PoE / 25 W AC
- Power Consumption Outdoor: 55 W PoE / 57 W AC 25 W AC
- Regulatory: CE / FCC / RoHS / IP66 (Outdoor)