

SA-PD24

Corrosion proof 2MP PTZ compact dome with 20x zoom

DESCRIPTION

The SA-PD24 is a compact 2MP outdoor PTZ dome camera with 20x optical zoom. Utilizing powder-coated 316L stainless-steel body ensures corrosion free operation in aggressive atmospheres such as those in the chemical industry or in the offshore and marine. The camera is IP66/IP67 dust and water proof, and IK10 vandal resistant to make it suitable for extreme conditions.

FEATURES

1/2.8 inch Ultra low-light CMOS imager

Triple stream H.264 and MJPEG

2MP @ 60 fps

20x optical zoom, 16x digital zoom

120 dB WDR (HDR)

Digital Image Stabilization

IP67

ONVIF Profile S



| Camera | |
|--------------------------|--|
| Image sensor | 1/2.8" Progressive scan CMOS |
| Effective pixels | 1945x1097 |
| Min. illumination | 0.035 lux Color, 0.013 lux B/W (@ 50% IRE) |
| Shutter speed | 8 to 1/50,000 sec |
| Day/Night | IR-cut filter |
| Lens | 20x zoom |
| Focal length | 4.7mm to 94 mm |
| Horizontal field of view | 55.5° (W) to 3.0° (T) |
| Lens material | High-grade optical glass |

| PTZ | |
|-------------------|------------------------------|
| Pan range | 360° Continuous rotation |
| Tilt range | -10° to +190° |
| Number of presets | 256 |
| Preset speed | 380°/s |
| Tour/Pattern Scan | 8 |
| Body material | powder coated 316L (RAL9016) |

| Image control | |
|--------------------------|---|
| Dynamic range (WDR) | 120 dB, HDR |
| White balance | Auto, Outdoor, Fluorescent, Incandescent, Manual |
| Exposure | Auto, Manual, Shutter Priority, Iris Priority |
| Image settings | Contrast Brightness Saturation Hue Sharpness |
| SNR | Better than 54dB |
| Noise reduction | 3DNR |
| Image Stabilization | Yes (Digital) |
| Digital zoom | 16x |
| Text and picture overlay | Pan/Tilt position, date & time, 2x line (25 characters each), |
| Image rotation | Flip |

| Video | | | |
|---------------------------------|--|------------------|-----------------|
| Video compression | H.264 (baseline, main or high profile); MJPEG | | |
| Number of compression instances | 3 | | |
| Supported resolutions | 1920x1080;1280x1024; 1280x960/1280x720; 704x576/704x480; 640x480 (VGA); 320x240 (SIF) | | |
| Max streaming | Stream 1 (H264) | Stream 2 (MJPEG) | Stream 3 (H264) |
| - 60fps | 1920x1080 | 640x480 | N/A |
| - 30fps (HDR) | 1920x1080 | 704x576 | 1920x1080 |
| Compression bit rate control | Constant bit rate (CBR), variable bit rate (CVBR) | | |
| Number of video output streams | Up to 20 (RTSP) | | |
| Total output data rate (max) | 60 Mb/s | | |
| Video frame rate | 1 to 60 fps, 1 to 50 fps | | |

Specs



Video

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|---------------------|-----|
| Analog video output | N/A |
|---------------------|-----|

Audio

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|-------------------|---------------|
| Audio compression | G.711, AAC-LC |
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|-------------|-----------------|
| Audio Input | Line in, Mic in |
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| Audio Output | Line out |
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Analytics

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| Event detection | Motion Detection |
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|----------------|--|
| Event Triggers | External Input, Analytics, Network Failure Detection |
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Network

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|-----------------|-----------------------------|
| Network storage | NAS (Support NFS, SMB/CIFS) |
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|-----------|---|
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, Bonjour, zero config |
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| Security | User authentication, IP filtering, HTTPS encryption |
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| Standard | ONVIF (Profile S), Siqua API |
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| Web browser | IE 9, 10 and 11; limited support for Edge, Chrome, Firefox |
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| Network interface | 10/100 Mb (RJ45) |
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Environmental

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|--------------------------|------|
| Ingress protection level | IP67 |
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| Ambient temperature | -30 °C to +50 °C |
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| Relative humidity | 5 to 100% |
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| Power supply | 12Vdc, 2A; 24 Vac, 40VA; PoE 802.3af |
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| Power consumption | Max. 22W |
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| Heater | 10W @ 24Vac only |
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| - Heater on | 25°C /77°F |
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Mechanical

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| Interfaces | 2 m multi-cable |
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| - Ethernet | RJ45 |
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| - Alarm in / out | 4x /1x Terminal Block |
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| - 12Vdc, 24Vac | Terminal Block |
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| - Audio in / out | 3.5mm jack |
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| Dimensions | 185(W)x158(H)x185(D)mm |
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| Weight | 4.25 kg |
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| Impact Rating | TBD |
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| Color | RAL 9003 (signal white) |
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Ordering information

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| SA-PD24 | 2MP Corrosion proof compact PTZ dome, 20x zoom |
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DIMENSIONS IN MM

