

# 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

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

## Audio

Audio compression	G.711, AAC-LC
-------------------	---------------

Audio Input	Line in, Mic in
-------------	-----------------

Audio Output	Line out
--------------	----------

## Analytics

Event detection	Motion Detection
-----------------	------------------

Event Triggers	External Input, Analytics, Network Failure Detection
----------------	--

## Network

Network storage	NAS (Support NFS, SMB/CIFS)
-----------------	-----------------------------

Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, Bonjour, zero config
-----------	---

Security	User authentication, IP filtering, HTTPS encryption
----------	---

Standard	ONVIF (Profile S), Siqua API
----------	------------------------------

Web browser	IE 9, 10 and 11; limited support for Edge, Chrome, Firefox
-------------	--

Network interface	10/100 Mb (RJ45)
-------------------	------------------

## Environmental

Ingress protection level	IP67
--------------------------	------

Ambient temperature	-30 °C to +50 °C
---------------------	------------------

Relative humidity	5 to 100%
-------------------	-----------

Power supply	12Vdc, 2A; 24 Vac, 40VA; PoE 802.3af
--------------	--------------------------------------

Power consumption	Max. 22W
-------------------	----------

Heater	10W @ 24Vac only
--------	------------------

- Heater on	25°C /77°F
-------------	------------

## Mechanical

Interfaces	1.5 m multi-cable
------------	-------------------

- Ethernet	RJ45
------------	------

- Alarm in / out	4x /1x Terminal Block
------------------	-----------------------

- 12Vdc, 24Vac	Terminal Block
----------------	----------------

- Audio in / out	3.5mm jack
------------------	------------

Dimensions	185(W)x158(H)x185(D)mm
------------	------------------------

Weight	4.25 kg
--------	---------

Impact Rating	TBD
---------------	-----

Color	RAL 9003 (signal white)
-------	-------------------------

## Ordering information

SA-PD24	2MP Corrosion proof compact PTZ dome, 20x zoom
---------	--

DIMENSIONS IN MM

