SS1PTZ-AC-22x4K Series

Stainless Steel Weatherproof PTZ Air-Cooled Camera Station
Integrated with 8MP [4K] 22x Optical Zoom Ventionex VX2 Sony Sensor Camera Module

SS1PTZ-AC

SS1PTZ-AC-LED

Main Features

AISI316L

Marine grade AISI316L Stainless Steel material

IP

IP 66 / 67

IK 10

Vandal-proof IK10 ratings

IR

Option for LED illuminator available

Operating Temperature -40°C to 100°C

8MP [4K] Resolution 22x optical zoom lens
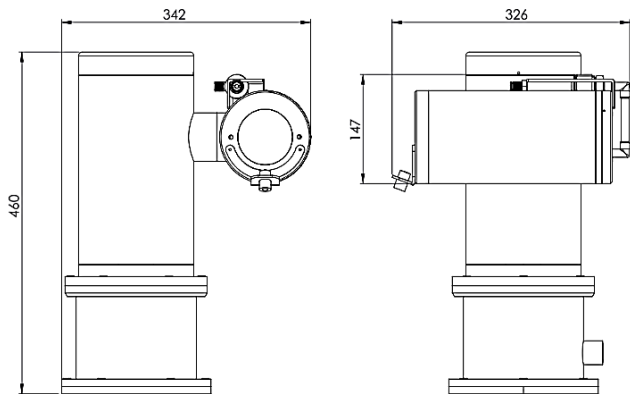
Motorized 6.4 – 138.5 mm

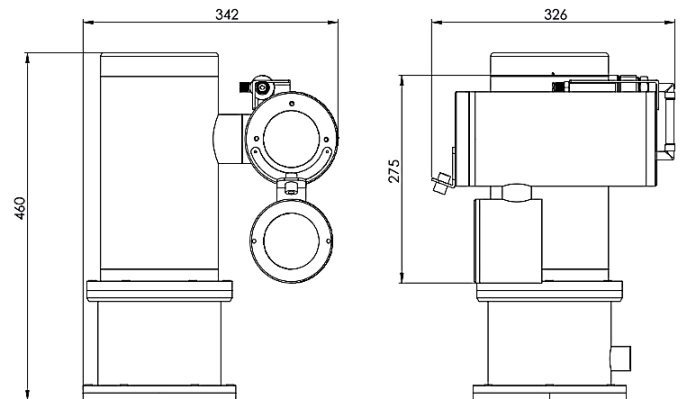| General	
Ingress Protection	IP66 / 67
Operating Temperature	-40°C to 100°C *(require appropriate pressure & temperature of incoming compressed air)*
Mechanical	
Body Material	Stainless steel 316L material
Sight Glass Material	Borosilicate Front Window with Thickness 5 mm
Pan & Tilt Speed	Variable speed option: 0.1^0/s to 45^0/s
Pan & Tilt Movement	Pan: 360° continuously or mechanical limit Tilt: -90° ~ +90°
Overall Dimension (WxHxD)	*Please refer to overall dimension drawings of each model.*
Internal Usable Size for Camera Module	Ø105 x 200 mm
Cable Entries	1 x M25 *(additional cable entry upon request)*
Weight	Approximate 31KG
Electrical	
Operating Voltage	AC110-240V, 50/60Hz
Power Consumption	Max 110W (110V), Max 120W (240V)
Thermostatically Controlled Heater	T°C on: <10°C, T°C off: >10°C
Optional	
LED Illumination	Up to 150 meters (for SS1PTZ-AC-LED model)
Accessories	
Optional	Wall Bracket, Sunshield for Pan & Tilt Body, Pole Top Mount Adapter, Air Filter Regulator

IP Camera/Lens

Camera		
Day/Night	Automatically removable IR-cut filter	
Shutter Time	1~1/10K s	
Noise Reduction	2DNR, 3DNR, NR by motion	
Image Settings	Color, Brightness, Sharpness, Contrast, White Balance, Exposure Control, Masking, Text Overlay	
Corridor Mode	Corridor Mode 90°, 180°, 270° rotation	
Image		
Image Sensor	1/1.8" Progressive CMOS	
Effective Pixels	HxV = 3864x2180, 8MP [4K]	
Pixel Size	2.0 µm	
Lens	f =6.4 mm (wide) to 138.5 mm (tele), F1.5	
FOV	Horizontal: 64° (wide), 3° (tele)	Vertical: 37° (wide), 2° (tele)
Zoom	22x Optical zoom, digital zoom ready	
Min. Illumination	Color: 0.04Lux	B/W: 0.002Lux
Frame Rate (Maximum)	H265: HDR 4K @30fps + d1@30fps HDR 6M @30fps + 720p @30fps	
	H264: HDR 4K @30fps + d1@30fps HDR 6M @30fps + 720p @30fps	
	MJPEG: 1080p @30fps	
Compression Standard		
Video Compression	H.265/H.264/MJPEG	
Video Streaming	Up to 4 individually configurable streams in H.265/ H.264/ MJPEG Configurable resolution/ frame rate/ bandwidth LBR/ VBR/ CBR in H.265/ H.264	
Network		
Security	User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x	
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS	
ONVIF	Profile S/ G/ Q/ T conformant	
System Integration		
Analytics	Motion Detection/ Tampering	
General		
Storage	Support for microSD/ microSDHC/ microSDXC card Support for recording to NAS	

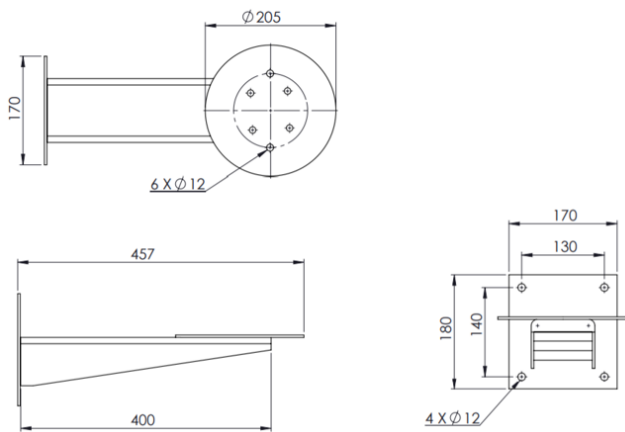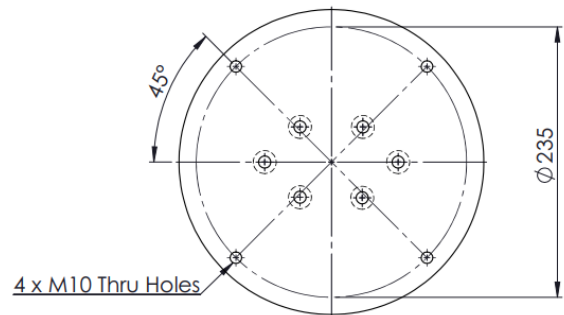*Analog camera and other camera module options are available upon request.*

SS1PTZ-AC Outline Dimensions

SS1PTZ-AC-LED Outline Dimensions

WB-SS1PTZ – Wall Bracket Outline Dimensions

PTA-SS1PTZ – Pole Top Mounting Adapter Outline Dimensions

SS1PTZ – AC – X – 22x4K

<u>Camera Station Options</u>
Blank   : Standard Air-Cooled PTZ Camera Housing
LED   : With LED Illuminator

Optional Accessories

WB-SS1PTZ   : Wall Bracket
SPT-SS1PTZ   : Sunshield for Pan & Tilt Body
PTA-SS1PTZ   : Pole Top Mounting Adapter
AFR   : Air Filter Regulator