Ventionex

SS1PTZ-40x2M Series

Stainless Steel Weatherproof PTZ Camera Station
Integrated with 2MP 40x Optical Ventionex SX800 Long Range Camera Module

SS1PTZ-W

Main Features

AISI316L

Marine grade AISI316L Stainless Steel material

IP

IP 66 / 68

PoE++

Option for IEEE 802.3bt PoE++ (90Watt)

High image quality with low noise at low-light (0.00015Lux)

20-800mm focal length lens with auto-focus for long range

2MP Resolution 40x optical zoom lens

Combined EIS + OIS Image Stabilization System

Fog and Heat Haze Reduction

Technical Data

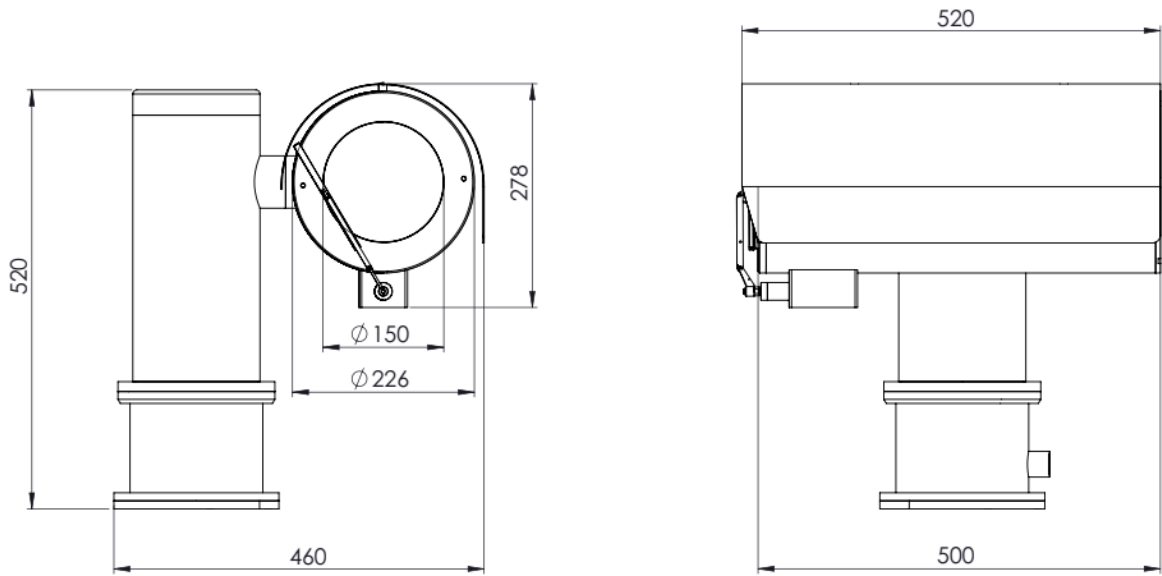| General	
Protection Level	IP 66 / 68, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Operating Temperature	-40°C to 60°C
Relative Humidity	≤95%
Mechanical	
Body Material	Stainless steel 316L material
Sight Glass Material	Window with hardened mineral clear tempered glass
Pan & Tilt Speed	Variable speed option: 0.1^0/s to 45^0/s
Pan & Tilt Movement	Pan: 360° continuously / Tilt: -90° ~ +90°
Overall Dimension (WxHxD)	*Please refer to overall dimension drawings of each model.*
Internal Usable Size for Camera Module	Ø220 x 470
Cable Entries	1 x M25
Weight	Approximate 45KG
Electrical	
Operating Voltage	AC110-240V (0.5A – 1.10A), 50/60Hz Optional: IEEE 802.3bt PoE++(90W)
Power Consumption	Max 110W (110V), Max 120W (240V)
Thermostatically Controlled Heater	T°C on: <10°C, T°C off: >10°C
Accessories	
Standard	Sunshield for Camera Housing
Optional	Wall Bracket, Sunshield for Pan & Tilt Body, Pole Top Mounting Adapter

Ventionex

IP Camera/Lens

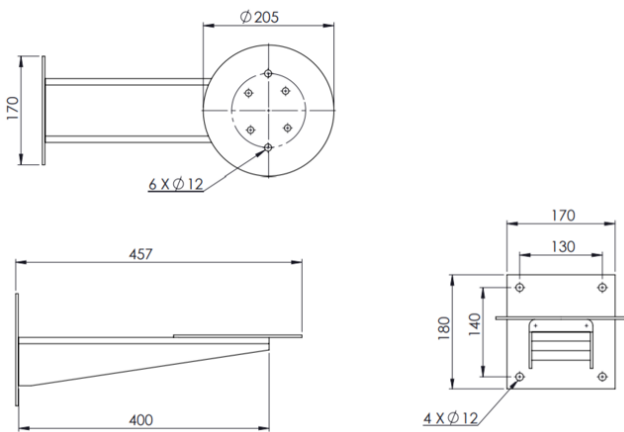| Camera	
Day/Night	Auto, Manual
Optical Filter	Visible Light Cut filter (ON / OFF)
Shutter Speed	Auto (with minimum speed selection of 1/8 – 1/125s), Manual (1 – 1/20,000s)
Focus Settings	Continuous AF, Quick AF, Manual
Iris	Auto, Manual (Aperture range: F4 – F16)
Image Stabilization	Auto, OIS, EIS, OFF
Image Settings	Wide Dynamic Range, Back Light Correction, Heat Haze Reduction, Fog Reduction, Noise Reduction, Brightness, Contrast, Saturation, Sharpness, White Balance
Image	
Zoom	40x Optical Zoom, 1.25x Digital Zoom
Image Sensor	1/1.8"
Effective Pixels	HxV = 1080 x 1920 (2MP)
Lens	f =20 mm (wide) to 800 mm (tele)
FOV	Horizontal: 21.0º (wide), 0.55º (tele) / Vertical: 11.8º (wide), 0.31º (tele)
Min. Object Distance	10m (20 - 400mm in focal length) / 20m (401 - 800mm in focal length)
Min. Illumination	Color: 0.00015Lux(at F1.2)/0.0017Lux(at F4.0) / B/W: 0.0001Lux(at F1.2)/0.0011Lux(at F4.0)
Video Format	NTSC: 1080p, 720p, 480p / PAL: 1080p, 720p, 576p
Compression Standard	
Recording Format	MOV
Video Compression	H.264
Network	
Supported OS	Windows 7/10
Supported Browser	Chrome71+, IE11
Supported Protocols	ICMP, ARP, TCP/IP, UDP/IP, HTTP, RTSP, RTP, DHCP, DNS
ONVIF	Profile S
General	
SD Card (SDHC/SDXC)	UHS-1-compatible 8GB+ SD Speed Class 10 or above
RS-485 Compatible	Pelco-D / Pelco-P

Analog camera and other camera module options are available upon request.
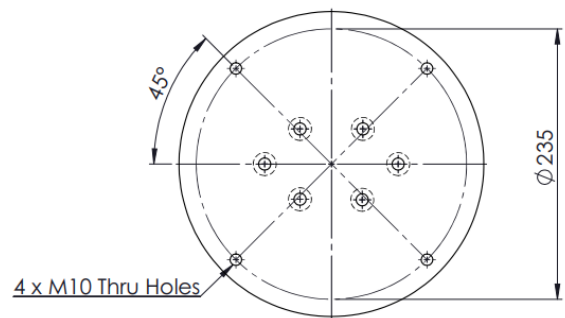*Thermal camera options are available for G model. Please contact us for the details*

Outline Dimensions (mm)

520

278

Ø150

Ø226

520

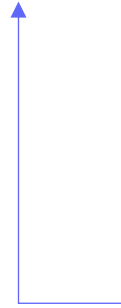460

520

500

SS1PTZ-W-40x2M Outline Dimensions

Ø205

170

6 X Ø12

457

400

170

130

180

140

4 X Ø12

WB-SS1PTZ – Wall Bracket Outline Dimensions

45°

Ø235

4 x M10 Thru Holes

PTA-SS1PTZ – Pole Top Mounting Adapter
Outline Dimensions

SS1PTZ – W – 40x2M – X

POE Options
Blank   : No additional option
POE   : POE++

Standard Accessories

SCH-SS1PTZ   : Sunshield for Camera Housing

Optional Accessories

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