SS1PTZ Series

Stainless Steel Weatherproof PTZ Camera Station

SS1PTZ-W   SS1PTZ-LEDW   SS1PTZ-G

Main Features

AISI316L

Marine grade AISI316L Stainless Steel material

IP

IP 66 / 68

IK 10

Vandal-proof IK10 ratings

IR

Option for LED illuminator available

Operating Temperature -40°C to 60°C

Possible to integrate with different type of 3rd party camera module

Options for thermal camera available

Technical Data

General	
Ingress Protection	IP 66 / 68
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	
	Window with Germanium glass (for SS1PTZ-G and SS1PTZ -GL model)	
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	Ø105 x 200 mm	
Cable Entries	1 x M25	
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 200 meters (for SS1PTZ-LEDW model)

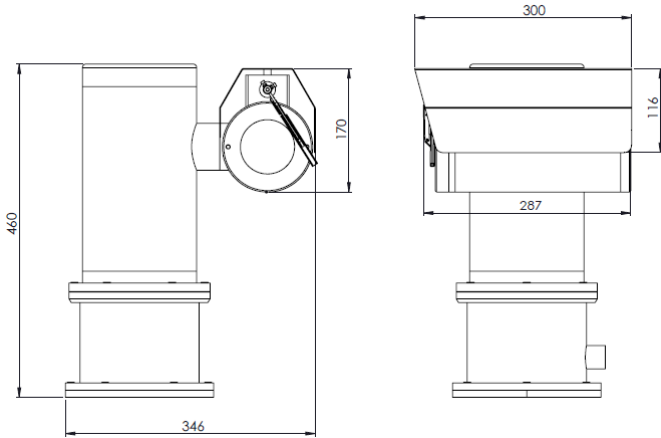| Accessories	
Standard	Sunshield for Camera Housing
Optional	Wall Bracket, Sunshield for Pan & Tilt Body, Pole Top Mounting Adapter

IP Camera/Lens

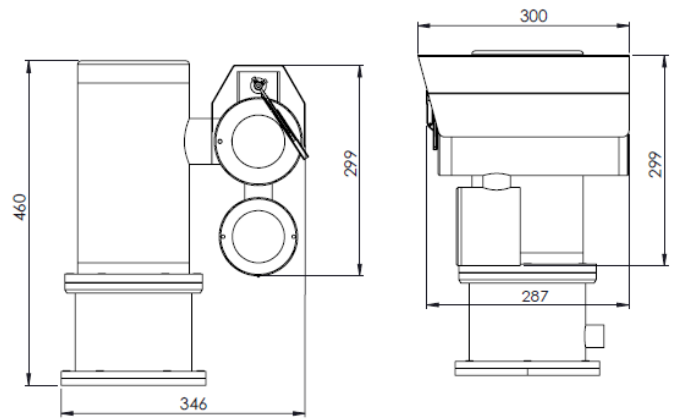|	4K, 22x Zoom, IP	3MP, 33x Zoom, IP	5MP, 5x Zoom, IP	8MP, 5x Zoom, IP	Self-learning Video Analytics Range					
					2MP, 18x Zoom, IP	2MP, IP	4MP (9), IP	4MP (22), IP	6MP, IP	8MP, IP
Sensor	1/1.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"				1/1.8"	
Focal Length (mm)	6.4 – 138.5	4.6 – 152.0	2.7 – 13.5	2.7 – 13.5	4.7 – 84.6	3.3 – 9	3.3 – 9	9 – 22	4.9 – 8	4.9– 8
Focus	F1.5	F1.6	F1.6	F1.6	F1.6	F1.3	F1.3	F1.6	F1.8	
Horizontal Angle of View	3° – 64°	3° – 52°	103.4° – 23.8°	102.7°~29°	4.1° – 60°	34° – 99°	34° – 92°	14° – 31°	52° – 92°	52° – 92°
Effective Pixels (HxV)	3864 x 2180	2065 x 1553	2592 × 1944	3840x2160	1920 x 1080		2560 x 1440		3200 x 1800	3840 x 2160
Day/Night	Automatic removable IR-cut filter		Dual IR Cut Filter with Auto Switch	Dual IR Cut Filter with Auto Switch	Automatic, Manual					
Illumination Requirement	Color: 0.04Lux B/W: 0.002Lux		Color: 0.001Lux B/W: 0Lux with IR	Color: 0.01Lux@ (F1.6, ACG ON), B/W: 0Lux with IR	Color: 0.039Lux B/W: 0.02Lux	Color: 0.027Lux B/W: 0.014Lux	Color: 0.03Lux B/W: 0.015Lux	Color: 0.058Lux B/W: 0.029Lux	Color: 0.055Lux B/W: 0.028Lux	
Supported Video Analytics Events	Motion Detection, Tampering		Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture (Face Detection), Safety Helmet Detection, Human/Vehicle Classification		Objects in Area, Loitering, Crossing Beam, Object Appears or Enters Area, Object Not Present in Area, Objects Enter Area, Objects Leave Area, Object Stops in Area, Direction Violated, Tamper Detection					

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

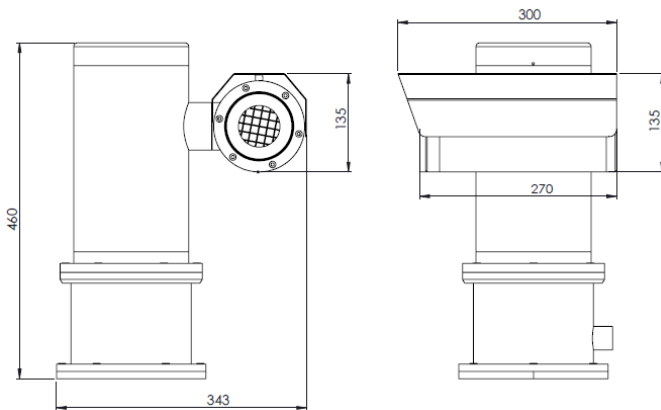*Thermal camera options are available for G model. Please contact us for the details*

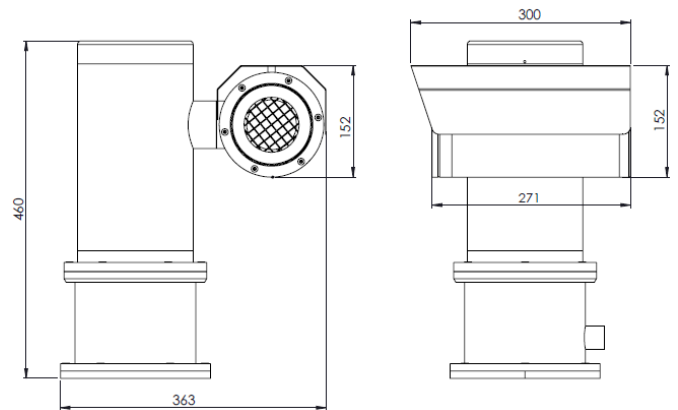# Outline Dimensions (mm)

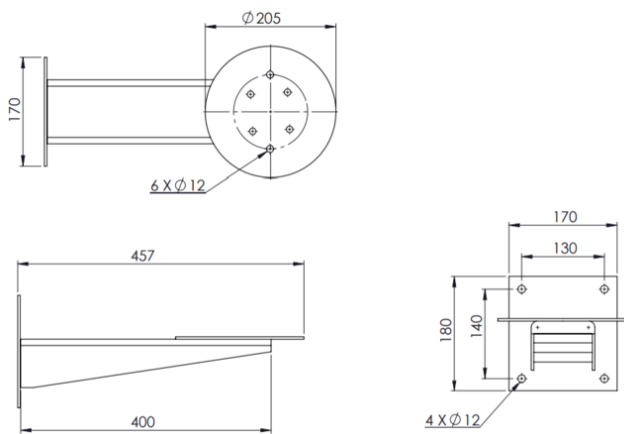SS1PTZ-W Outline Dimensions
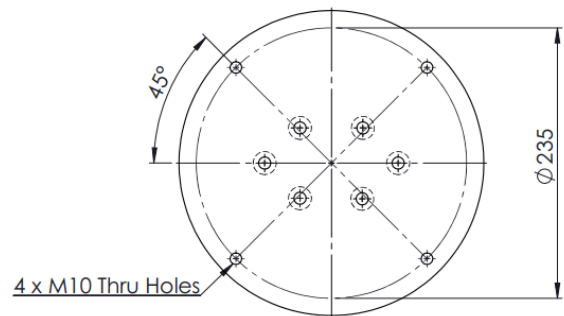

SS1PTZ-LEDW Outline Dimensions

SS1PTZ-G Outline Dimensions

SS1PTZ-GL Outline Dimensions

WB-SS1PTZ – Wall Bracket Outline Dimensions

PTA-SS1PTZ – Pole Top Mounting Adapter
Outline Dimensions

SS1PTZ – X – X

Camera Module Options

22x4K   : 4K, 22x Zoom, IP
33x3M   : 3MP, 33x Zoom, IP
5X5M   : 5MP, 5x Zoom, IP
5X8M   : 8MP, 5x Zoom, IP
18x2M   : 2MP, 18x Zoom, IP with Self-learning Video Analytics
2M   : 2MP, IP with Self-learning Video Analytics
4M (9)   : 4MP (3.3-9mm), IP with Self-learning Video Analytics
4M (22) : 4MP (9-22mm), IP with Self-learning Video Analytics
6M   : 6MP, IP with Self-learning Video Analytics
8M   : 8MP, IP with Self-learning Video Analytics

Camera Station Options

W   : Fitted with wiper mechanism
LEDW   : With LED Illuminator and Wiper
G   : With Germanium Window and Front Guard
GL   : Large Diameter (143 mm) with Germanium Window
          and Front Guard

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