ZAS661-IR   Weather Proof Stainless Steel PTZ thermal imaging Camera

Mechanical	
Housing	Stainless steel 304 or 316L
IP	IP68
Cable thread hole	1pcs M25*1.5 or M27*1.25
Wiper	yes

Electrical	
Voltage	AC100-240V or DC24Vor AC24V
Power	50W /70W (with thermostat)
Optional surge protector	TVS 6000V
Optional within fiber optical cable	Multimode, or signal mode

Ambient	
Ambient temperature	-25 to +60℃

Air pressure	80Kpa to 106Kpa
Relative Humidity	≦95% (no condensation)

Assistant

Communication	support analog video output
485 Communication	Support Pelco-D, Pelco-P
Communicate Rate	2400 to 19200bps

Pan & Tilt

Horizontal	360° continuous
Horizontal speed	0.1-45°/s
Vertical	-90 to +90°
Cruise Scan	Support
Keep watch	Support
Preset	64/128/255/300
Resume function	Support
Auto Cruise	Support
Auto Scan	Support

Optional Alarm

Alarm Input	2-channel/ 7-channel
Alarm Output	1-channel, action with alarm
Intelligent Alarm	Audio detective, move detective, video shield, network inte

Optional Audio

Audio Input	Audio input (LINE input, MIC input), audio peak:2-2.4Vp-p,
Audio Output	Line-level impedance 600Ω

Network

Network Interface	1pcs of RJ45, support 10M/100M/1000M
Video Compression	H.264 main profile / MJPEG
Audio Compression	G.722.1/ G.711-a law/ G7.11-u law/MP2L2/G.726
Voice Intercom	Support

Stream	Support three streams
Internet Protocol	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP
Time Display	Support
Standard	ONVIF, CGI, GB/T28181, PISA
IE browser	Support IE7 or above, Google, Firefox, Apple
Security	Password protection, Multiple access control

| Thermal camera	384	640
Detector	Uncooled microbolometer FPA (Amorphous Silicon)	
Array Format/pixel pitch	384*288/17μm	640*480/17μm
Sensitivity	≤50mk@300K	
Frame rate	25Hz	
Spectral range	8-14μm	
Focal length	9,15,19,25,35,40,50mm fixed focus: 25-75mm continuous zooming	
Digital zooming	1-8x continuous	
Network image resolution	720*576	
Analog image resolution	720*576	
Mainstream rate	25fps(720x576)	
Sub-stream rate	25fps(352x288)	
Image mode	HDR(high dynamic range): sea-sky mode, sky-earth mode	
Image enhancement	IDE(image details enhancement)	
palette	11 kinds of color available (rust, rainbow, white/black, etc), palette color customize	
Network protocol	TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, IGMP, 802.1X, ONVIF(profile S)	
Video compression	H.264	
Video preview connections	Max. 10 at same time	
Number of user, authority	Max 10	
High temperature alarm	Alarm based on the differential temperature between target with its background	
Intelligent functions	Motion detection, regional intrusion alarm, line crossing alarm, moving path, target enhancement	
Network	RJ45 x1 10M/100M/ 1000M base-TX, self-adaption Ethernet port (electrical)	

Video output	CVBS(75Ω） PAL
Serial port	RS-232, RS-485
Alarm switch	Input x1, output x1
Storage interface	Support Micro SD(TF) card, (max, 64G)

THERMAL VERSION- 640, 384		
	Person (Detective/recognition/identification)	Vehicle (Detective/recognition/identification)
Lens 9mm	250/63/31m	720/175/88m
Lens 19mm	570/144/72m	1550/400/200m
Lens 25mm	820/210/104m	2200/580/290m
Lens 35mm	1140/280/142m	3000/800/200m
Lens 50mm	1500/380/190m	3900/1060/540m
Lens 75mm	1750/450/225m	4500/1240/640m
Lens 100mm	2450/650/330m	6000/1750/900m

General

Cable	integrated cable
Size	384.5*285*394.7mm
Weight	27.5kg
Mounted	wall, pole
Wall bracket	ZAZ660B

Dimension
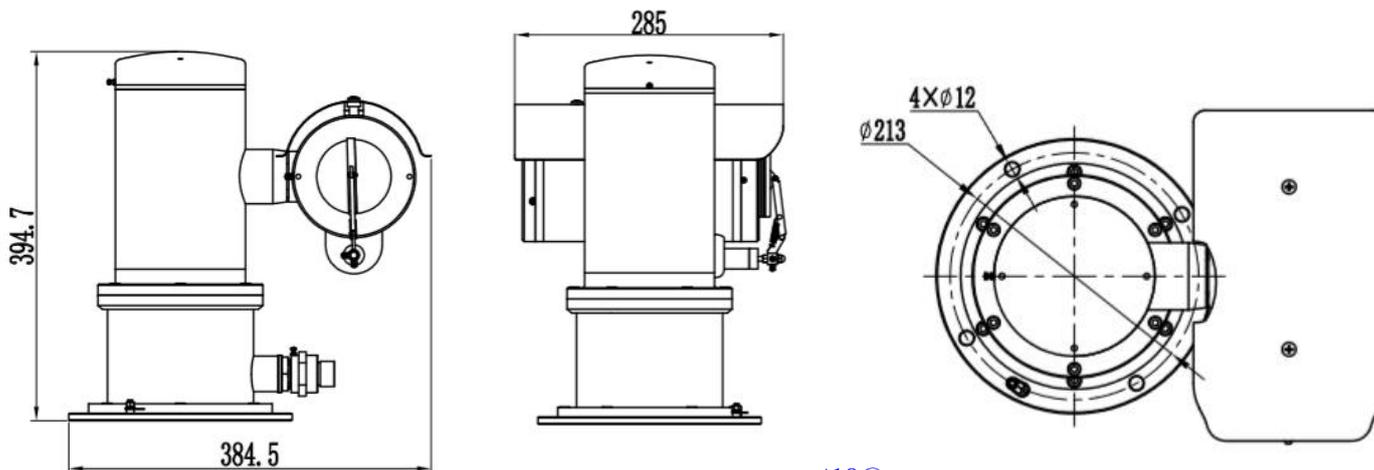
ZAZ6XXB   Wall Bracket

General

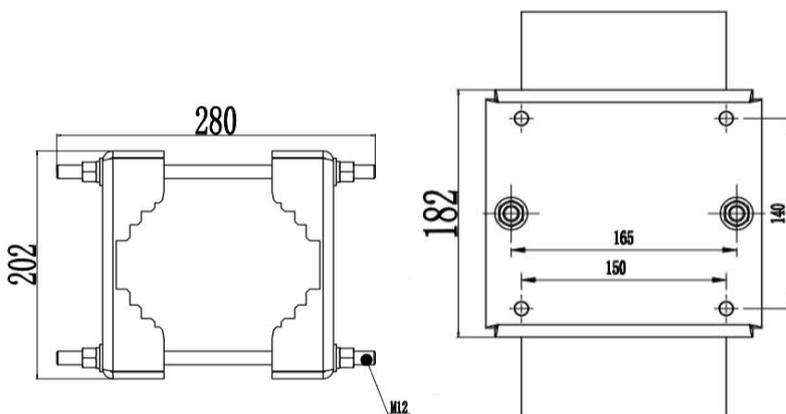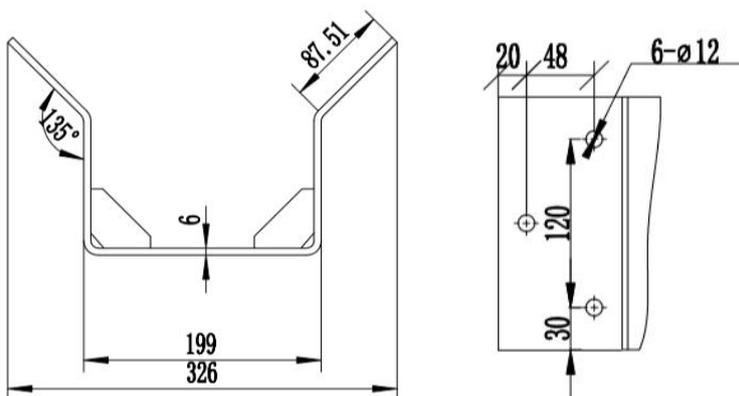| Material	Stainless steel 304 or 316L
Max Loading	100kg
Weight	4.5kg

Dimension
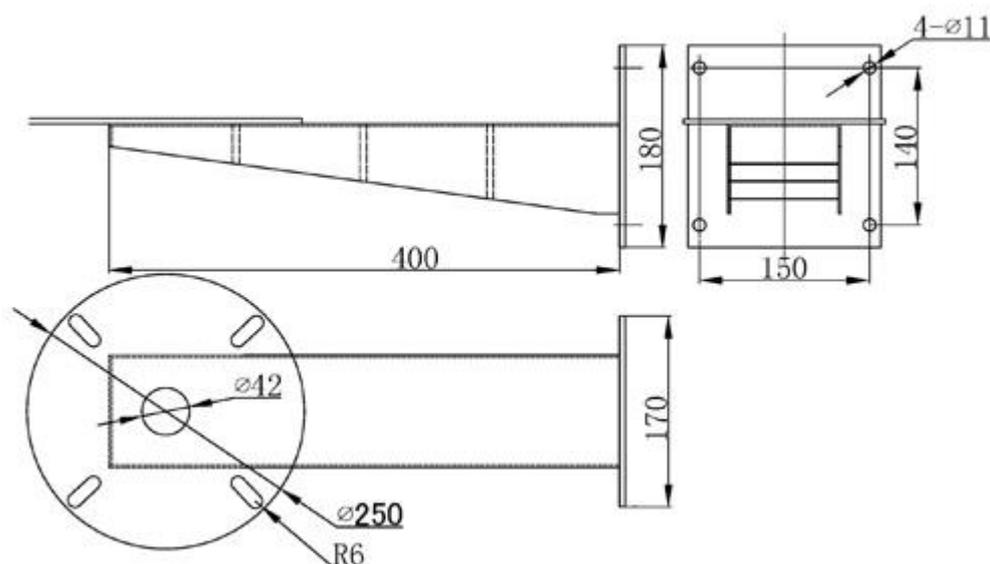
ZAZ6XX-CW corner bracket

ZAZ6XX-PMB Pole mount adapter

ZAZ6XX-PMB Pole mounted bracket

ZAZ6XX-CW Corner mounted bracket