ZAS100B-IR Fixed Point Surveillance Weather-proof Stainless Steel Thermal Imaging Camera for marine area

Main Features:
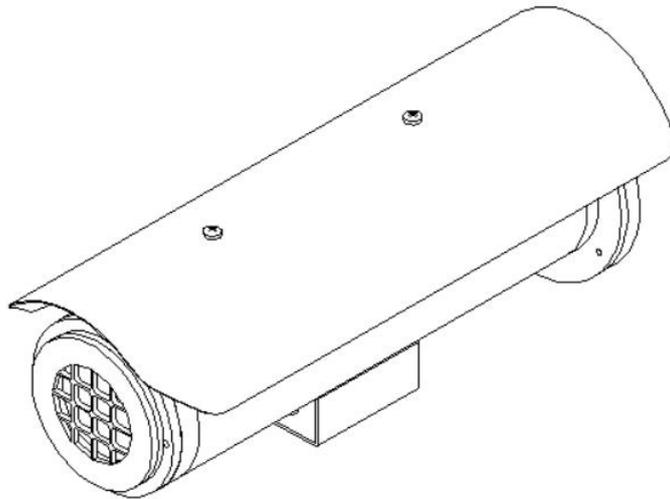
·Stainless steel 304 or 316L material enclosure

· Enclosure Protection: IP68

· Optional power input: DC12V, AC24V, AC100~240V, POE power supply

· Working Current: ≤1000mA

· Optional lower temperature range: -20 to 60 ℃
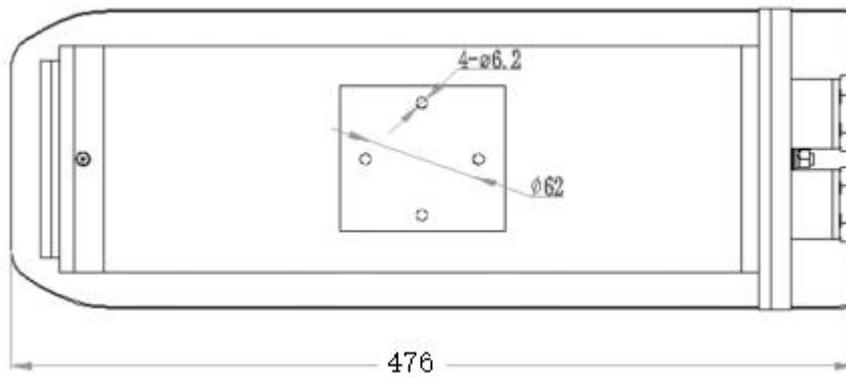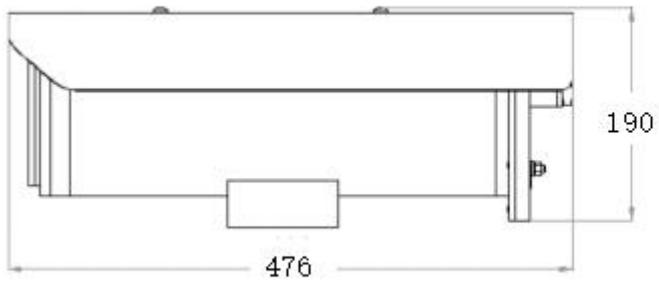
Specifications:

Model	ZAS100B-IR
Atmospheric pressure	80KPa～110Kpa
Ambient Temperature	−20°c～+60°C
Relative Humidity	≤95% （+25°c）
Window glass	Ge glass for thermal camera
Ingress Protection	IP68
Optional Voltage Input	AC24V, AC100~240V, DC12V, POE POWER SUPPLY
Overall dimension	476*186*190mm
Inner size for camera	270*80*80mm (L*W*H)
Net weight	11.5kg
Housing Material	Stainless Steel 304 or Stainless Steel 316L
Sunshade	Optional

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)	

	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

Drawings:

with sunshade version

ZAZ100B Wall Bracket

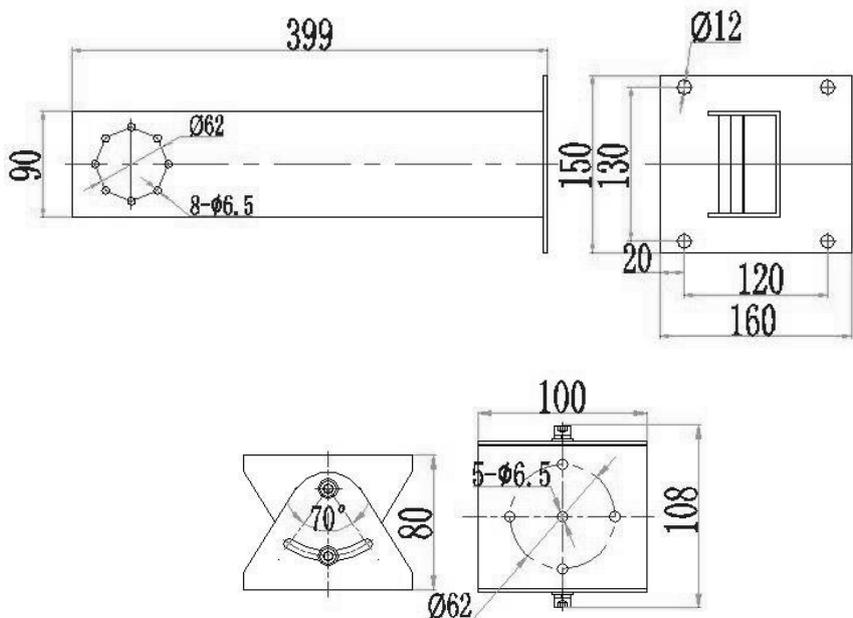**ZAZ100-C corner bracket**

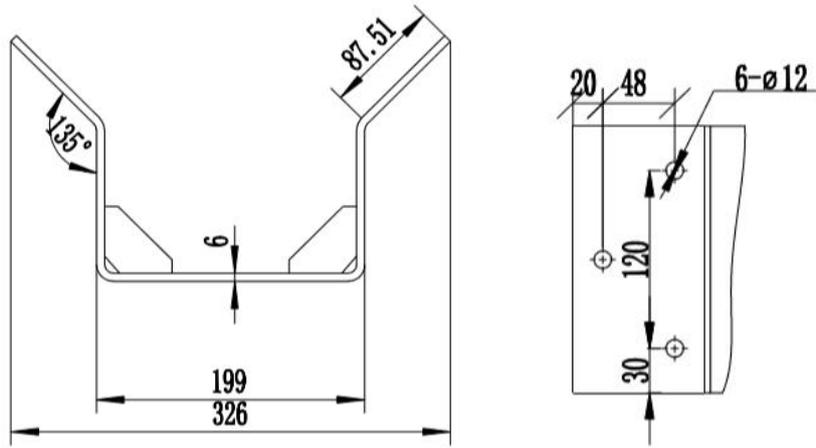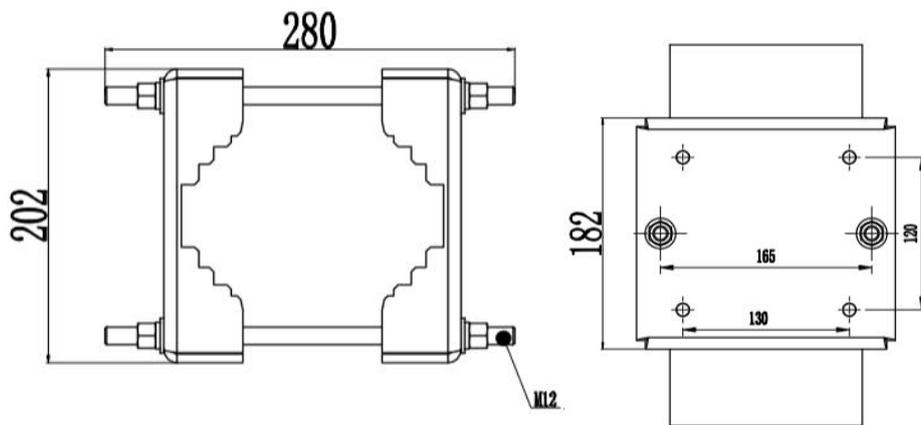**ZAZ100-PMB Pole mount adapter**

Wall bracket and Mount adapter

ZAZ100C corner bracket

ZAZ100-PMB pole mounted bracket