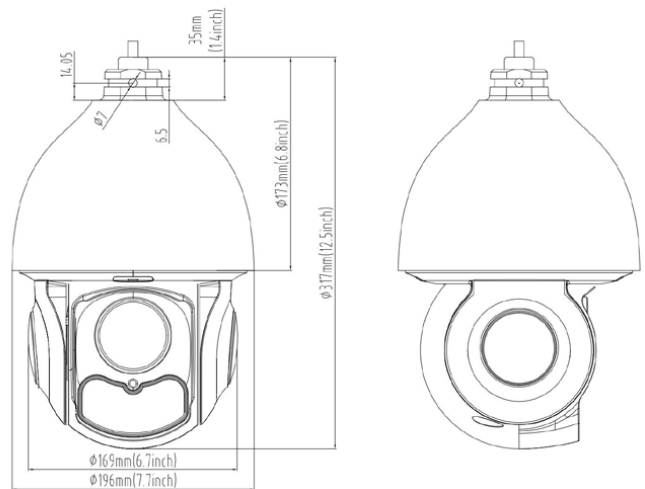


IPPTZ-SB4IR25XAI

4mp Auto Track IP 25X PTZ with Starlight / 300ft IR



Dimensions (mm[inch])



- 1/2.5" progressive scan CMOS
- Up to 2560x1440 resolution
- Mini illumination:
 - Color: 0.01 lux @ (F1.65 AGC ON)
 - B/W: 0.002 lux@ (F1.65 AGC ON)
 - 0 Lux with IR
- 25x optical zoom, Accurate and fast focusing
- WDR, 3D DNR, Smart IR
- Up to 100m IR distance
- H.265+/H.265/H.264+/H.264 video compression
- Intelligent video content analytics
- IP66, -30°C~60°C, Aluminum Alloy & Plastic
- Stealth gimbal driving technology
- PoE+ (802.3bt, class 6) and DC24V/AC24V
- ONVIF, API and SDK
- Mobile surveillance app: iOS and Android, P2P

Technical Specification

Camera Module	
Image sensor	1/2.5" progressive scan CMOS
Mini. Illumination	Color: 0.01Lux @(F1.65, AGC ON); B/W: 0.002Lux @(F1.65, AGC ON); 0Lux with IR
Image setting	Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser
Shutter Speed	1/1 s – 1/100,000 s
White Balance	Auto/Manual/Indoor/Outdoor
Gain	Auto/Manual
Day & Night	IR Cut filter
Privacy Mask	NO
Image Enhancement	WDR, BLC, HLC, Electronic defog
Picture overlay	Logo picture could be overlaid on video with 128×128pixels, 24bits BMP format
Lens	
Focus length	f=4.8-120mm lens, 25x optical zoom
Zoom Speed	Approx. 3.6s (optical zoom, wide-tele)
Field of View	Horizontal: 55° ~ 2.4° (wide-tele); Vertical: 35° ~ 1.4° (wide-tele); Diagonal: 61.5° ~ 2.8° (wide-tele)
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF
Aperture Range	F1.65 ~ F3.8 (wide-tele)
PTZ	
Pan Range	360°endless
Pan speed	Configurable, from 0.1~80°/s; Preset speed: 120°/s
Tilt Range	From 0° to 90°
Tilt Speed	Configurable, from 0.1°~ 70°/s, Preset speed: 120°/s
Proportional Zoom	Yes
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Trace	4 traces, record time over 3 minutes for each trace
Power off memory	Support
Action mode	Preset/Cruise/Trace/Auto Scan/Random Scan
3D Positioning	Support
PTZ Position Display	Support
Schedule Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot
IR	
IR Distance	100m (328f.t.) with DC24CV/AC24V/PoE++(802.3bt.class 5)
Smart IR	Yes, support facial exposure
Network	
Max Resolution	2560×1440
Main stream	2560×1440, 2304×1296, 1920×1080, 1280×720(25/30fps)
Sub stream	25fps (1280×720, 704 × 576, 352 × 288); 30fps (1280×720, 704 × 480, 352 × 240)
Third Stream	25fps (704 × 576, 480 × 240, 352 × 288) 30fps (704 × 480, 480 × 240, 352 × 240)
SVC	Yes
Video compression	H.265/ H.264/MJPEG
Audio compression	G.711 A/U
Audio Enhancement	No
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE
Simultaneous live view	Up to 6 channels
User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering