

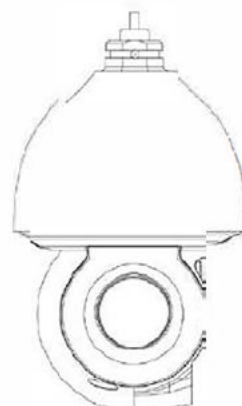
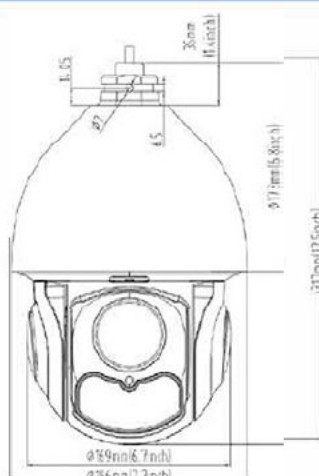
IPPTZ-SB8IR32XAI 8MP 32X 200m IR Smart PTZ



Key Spec:

- 1/2.8" SONY progressive scan CMOS
- Up to 3840x2160 resolution
- Mini illumination:
Color: 0.01 lux @ (F1.2 AGC ON)
0 Lux with IR
- 32x optical zoom, Accurate and fast focusing
- HDR, 3D DNR, Smart IR
- IR distance beyond 200m
- Smart H.265+/H.265/H.264+/H.264
- Intelligent Video content analytics
- Smart tracking of human/vehicle
- Smart detection and perimeter protection
- ONVIF, API and SDK
- PoE++, DC24V, AC24V power self adaptive
- IP66, -40 C~65 C, Aluminum Alloy & Plastic

Dimensions:



mm/inch

Accessories(optional):



WM S0808
Wall mounting bracket



WM S0808+PM S0501
Pole mounting bracket



WM S0808+CM S0601
Corner mounting bracket



CPM S0807
Pendant mounting bracket

SPECIFICATION:

Camera Module					
Image sensor	1/2 8" SONY latest progressive scan CMOS				
Mini Illumination	Color: 0.01Lux @ (F1.2, AGC ON); B/W: 0.002Lux @ (F1.2, AGC ON); 0Lux with IR				
Image setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc adjusted by client				
Shutter Speed	50Hz: 1/25 s ~ 1/25,000s; 60Hz: 1/30s-1/30,000s				
White Balance	Auto/Manual/Indoor/Outdoor				
Gain control	Auto/Manual				
Day & Night control	Auto/Manual , time schedule				
Iris control	Auto/Manual				
SNR	≥52dB				
3D DNR	Auto/Manual				
AE Enhancement	BLC, HLC, WDR				
Privacy Mask	4areas, up to 8areas per request				
Picture overlay	Logo picture could be overlaid on video with 128x128pixels, 24bits BMP format				
OSD overlay	max 15 characters/line, 8 lines, white or red font color				
Lens					
Focus length	f=4.8-154mm lens, 32x optical zoom				
Zoom Speed	Approx 4.6s (optical zoom, wide-tele)				
Field of View	Horizontal: 61.3° ~ 2.18°; Vertical: 36.9° ~ 1.22°; Diagonal: 68.4° ~ 2.5° (wide-tele) ±5%				
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF				
Iris	F1.2 ~ F4.4 (wide-tele)				
IR Cut type	Removable IR Cut filter				
DORI distance	Class	Detect(25px/m)	Observe(63px/m)	Recognize(125px/m)	Identify(250px/m)
	f=4.8mm	138m(453.5ft)	54.76m(179.66ft)	27.7m(90.7ft)	13.8m(45.35ft)
	f=154mm	3528m(11575ft)	1400m(4593ft)	700m(2296ft)	350m(1148ft)
PTZ					
Pan Range	360°endless				
Pan speed	Configurable, from 0.5~120°/s; Preset speed: 150°/s				
Tilt Range	From -5° to 90°, auto flip				
Tilt Speed	Configurable, from 0.5°~120°/s; Preset speed: 150°/s				
Proportional Zoom	Yes				
Preset	360				
Cruise	8 cruises, up to 16 presets for eachcruises				
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	200m (656ft) , dual stack 850nm IR Array				
Smart IR	Yes				
Network					
Max Resolution	3840x2160				
Main stream	50Hz: 25fps: 3840×2160, 2560×1440, 1920×1080, 1280×960, 1280×720, 60Hz: 30fps: 3840×2160, 2560×1440, 1920×1080, 1280×960, 1280×720				
Sub stream	50Hz: 25fps: (704×576, 640×480, 352×288); 60Hz: 30fps (704×480, 640×480, 352×240)				
Third Stream	50Hz: 25fps (1920×1080, 1280×960, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×960, 1280×720, 704×480, 640×480, 352×240)				
Video compression	H.265+/H.265/H.264+/H.264/MJPEG				

H 264 Standard	H 264/AVC codec BP/MP/HP, Level 5.1
H 265 Standard	H 265/HEVC codec MP, level 5.0
Video Bit Rate	64 Kbps to 16Mbps
Audio compression	G 711 A/U
Audio Bit Rate	64K bps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE
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
Smart Features	
Basic event	Motion detection, Video tampering alarm, Exception (Network disconnected, IP address conflict, SD full, SD error)
Face recognize	Detecting max 15 faces at same scene Detecting, tracking, capturing
Road traffic	Vehicle detecting and tracking
Smart Detection	Tripwire, Bi directional tripwire, Illegal intrusion detection, Region entrance detection, Region exitance detection, etc. More VCA per request
Smart Tracking	smart tracking of human or vehicle, auto/manual
System Integration	
Alarm Interface	1 Alarm input (Dry contact); 1 Alarm output
Audio Interface	1 audio input (MIC in); 1 audio output, line level, impedance, 600Ω
Alarm Linkage	Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card. Send Email, etc
Network Interface	1 RJ45 10M/100M Adaptive Ethernet, Support PoE++ (802.3bt)
SD Card	On-body MicroSD chamber, up to 256G
RS 485	N/A
BNC	N/A
Speaker & Mic	N/A
Reset button	Yes
Heater	Yes
Fan	Yes
Water removal	Hot air blow to lens glass to remove frost, ice; Remove water drops by quick spinning
API	ONVIF, support SDK and third-party management platform
Client	N9000 1.4.5, TVT NVMS 2.0; and the third-party client
Web Browser	IE8-11
General	
languages	Czech; English, German; Hungarian; Italian; Japanese; Korean; Portuguese, Polish; Russian, Romanian, Spanish; Spanish(Mexico), Simplified Chinese; Turkish; Traditional Chinese
Power Supply	DC24V/AC 24V ±25%, PoE++ (802.3bt), max 34W include IR ON + PTZ working
Working condition	-40°C ~ 65°C (-40°F ~ 149°F); Cold start at -30°C (0.5 Hour warming up); ≤90%RH no-condensing
Storage condition	-40°C ~ 70°C; ≤95% RH
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Shield Material	Main body: Aluminum Alloy; Decoration: Plastic
Dimensions	Φ196mm × 317mm (7.7 inch Φ × 12.5 inch)
Net Weight	Approx. 3.7 Kg (8.1 lb)
Certification	IP66, IK10 (excluding glass window), ROHS, CE, FCC