

2MP 30x IR Network PTZ Dome Camera

SV-AIPC2M-PTZX300



Key Features

Optics

- 30X optical zoom
- Accurate and fast focusing
- Smart IR, up to 150m (492ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 120dB true WDR

Compression

- Ultra 265, H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- Customized OSD

Network

- ONVIF conformance

Structure

- Innovative snow-removing functionality
- More effective heat dissipation system
- Intelligent temperature control technology
- 6KV surge protection designed for network interface

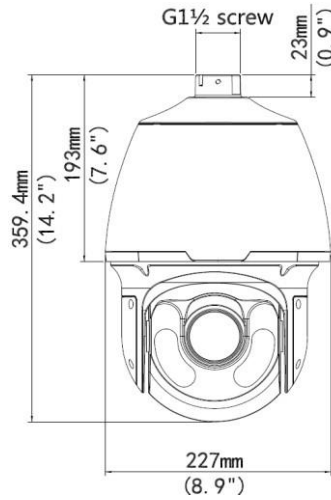
Specifications

Model No.	SV-AIPC2M-PTZX300				
CAMERA					
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Lens	4.5 ~ 135mm, AF automatic focusing and motorized zoom lens				
Digital zoom	16				
Optical zoom	30				
DORI distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.5	69.8	27.9	14	7
	135	2094.8	837.9	419	209.5
Angle of view (H)	71.7° ~ 2.4°				
Angle of view (V)	43.4° ~ 1.3°				
Angle of view (O)	88.2° ~ 2.8°				
Shutter	Auto/ manual; shutter time: 1 ~ 1/100000s				
Minimum illumination	Colour: 0.001Lux (F1.5, AGC ON) 0Lux with IR				
Iris	Auto/ manual; F1.5 ~ F4.0				
Day/ night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR range	Up to 150m (492ft)				
Defog	Digital defog				
WDR	120dB				
VIDEO					
Video compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, main profile, high profile				
Frame rate	Main stream: 2MP (1920*1080), Max 30fps; Sub stream: 2MP (1920*1080), Max 30fps; Third stream: D1 (720*576), Max 30fps				
HLC	Supported				

BLC	Supported
EIS	Supported
OSD	Up to 8 OSDs
Privacy mask	Up to 24 areas
ROI	Up to 8 areas
Motion detection	Up to 4 areas
SMART	
Behavior detection	Intrusion, cross line, motion detection, auto tracking
Intrusion	Enter and loiter in a pre-defined virtual region
Cross line	Cross a pre-defined virtual line
Motion detection	Moving within a pre-defined virtual region
Auto tracking	Tracking the specified target
Recognition	Face detection, audio detection
Intelligent identification	Object left, object moving
Statistical analysis	People counting
General function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
AUDIO	
Audio compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling rate	8KHZ
STORAGE	
Edge storage	Micro SD, up to 256GB
Network storage	ANR
NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible integration	ONVIF (Profile S, Profile G, Profile T), API
PAN & TILT	
Pan range	360° (endless)

Pan speed	0.1°/s ~ 240°/s
	Preset speed: 300°/s
Tilt range	-15° ~ 90° (auto reverse)
Tilt speed	0.1° ~ 160°/s
	Preset speed: 240°/s
Number of presets	1024
Patrol	Up to 16 patrols, up to 32 presets per patrol Note: The total number of patrols and patterns is 16.
Home position	Supported
INTERFACE	
Audio I/O	Audio cable
	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	1RJ45 10M/100M Base-TX Ethernet
GENERAL	
Power	AC 24V±25%, DC 24V±25%
	Power consumption: 9 ~ 42W
Dimensions (Ø x H)	Ø227 x 359.4mm (Ø8.9" x 14.2")
Weight	5.28kg (11.6lb)
Working environment	-40°C ~ 65°C (-40°F ~ 149°F), Humidity: ≤95% RH (non-condensing)
Ingress protection	IP66

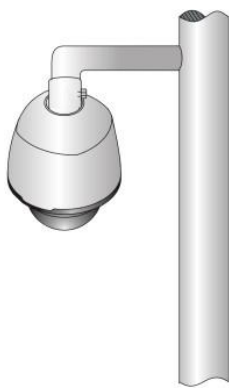
Dimensions



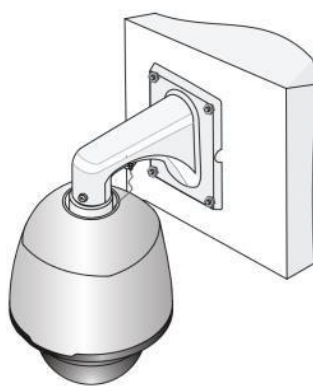
Installation



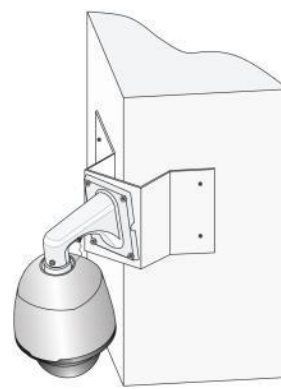
Pendant mount



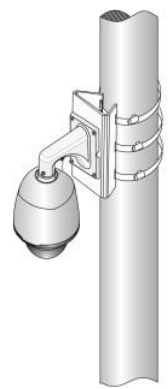
Standing pole mount



Wall mount



Corner mount



Pole mount

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