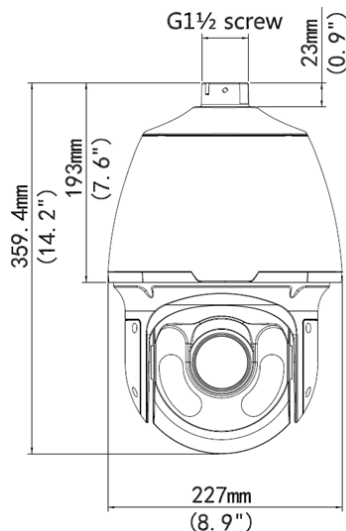




TPN24R-x30

2MP 30x IR Network PTZ



Key Features

Optics

- 30X Optical Zoom
- Accurate and fast focusing
- Smart IR, up to 100m (328ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance

Compression

- H.264 High Profile
- 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

Image

30x Optical Zoom



Accessories



AWM331

Dimensions : 230.3mmx141mmx201.5mm
Weight : 0.79Kg



APE331

Dimensions : 215mmx170mmx52mm
Weight : 1.47Kg



APM331

Dimensions : Φ 116.5mmx239mm
Weight : 0.67Kg



ACM331

Dimensions : 215mmx210mmx122mm
Weight : 1.87Kg

Specifications

	TPN24R-x30
Camera	
Sensor	1/2.8", 2 megapixel, progressive scan, CMOS
Focus/Zoom	4.5 ~ 135 mm (30x optical zoom)
Angle of View (H)	62.9° (wide) ~ 2.3° (tele)
Iris	Auto/Manual; F1.6 ~ F4.8
Shutter	Auto/Manual; shutter time: 1/6 s ~ 1/8000 s
Minimum Illumination	Colour: 0.03 lux (F1.6, 50IRE) B/W: 0.01 lux (F1.6, 50IRE)
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>52dB
Video	
Max. Resolution	1920 × 1080
Video Compression	H.264,MJPEG
Frame Rate	1080P (1920*1080): Max. 30 fps; 720P (1280*720): Max. 30 fps; D1 (720*576): Max. 25 fps
Video Streaming	Triple
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
Digital Zoom	Supported
Audio	
Audio Compression	G.711
Two-way audio	Supported
Storage	
Edge Storage	Micro SD, Up to 128 GB
Network	
Protocols	L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP, NTP,FTP,HTTP,SNMP,SIP
Compatible Integration	ONVIF, 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 Preset	255
Patrol	Up to 16 patrols, up to 32 presets per patrol Note: The total number of patrols and patterns is 16.
Pattern	Up to 16 patterns, with the total recording time not less 15 minutes per pattern
Interface	
Audio I/O	Audio cable
	Input: impedance 35 kΩ; amplitude 2 V [p-p]
	Output: impedance 600 Ω; amplitude 2 V [p-p]
Alarm I/O	1 / 1
Network	1 RJ45 10M/100M Base-TX Ethernet
General	
Power	24 V AC, 24 V DC, PoE
	Power consumption: 9 ~ 42W (IR:16W, heater: Max. 24 W)
Dimensions (Ø x H)	Ø227 x 359.4 mm (Ø8.9" x 14.2")
Weight	5.28 kg (11.6lb)
Working Environment	-40°C ~ +65°C (-40°F ~ 149°F), Humidity ≤ 90% RH(non-condensing)
Ingress Protection	IP66