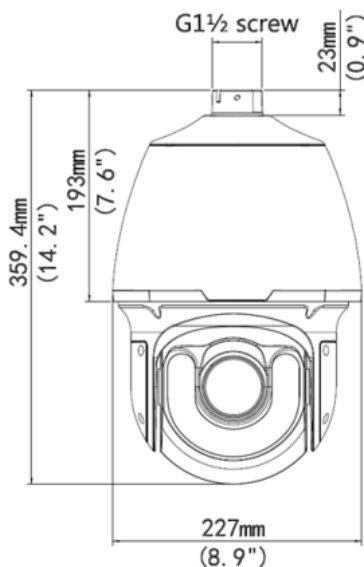




TPU24R-x33SW

2MP 33X 2MP Dark Hunter IR PTZ



Key Features

Optics

- 33X Optical Zoom
- Dark Hunter illumination
- Accurate and fast focusing
- Smart IR, up to 200m (656ft) IR distance
- IR anti-reflection window to increase the infrared transmittance

Compression

- H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- 1080P@60fps supported

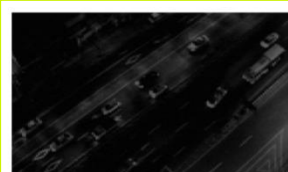
Network

- ONVIF Conformance

Structure

- 15° Elevation Angle
- Innovative snow-removing functionality
- More effective heat dissipation system
- Intelligent temperature control technology
- 6KV surge protection designed for network interface

Image



Normal

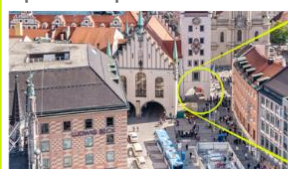


Dark Hunter

True WDR



Up to 33x Optical Zoom



1x



33x



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

Accessories

Specifications

TPU24R-x33SW	
Camera	
Sensor	1/2.8", 2 megapixel, progressive scan, CMOS
Focus/Zoom	4.5 ~ 148.5mm (33x optical zoom)
Angle of View (H)	62.93° (wide) ~ 3.76° (tele)
Iris	Auto/Manual; F1.6 ~ F5.3
Shutter	Auto/Manual; shutter time: 1/6 s ~ 1/100000 s
Minimum Illumination	Colour: 0.002 Lux (F1.6, AGC ON) 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>52dB
WDR	120dB
Video	
Max. Resolution	1920 × 1080
Video Compression	H.265, H.264, MJPEG
Frame Rate	1080P (1920 × 1080):Max.60 fps; 1080P (1920 × 1080):Max.15 fps;D1 (720 × 576):Max.8 fps 1080P (1920 × 1080):Max.60 fps;720P (1280 × 720):Max.30 fps;D1 (720 × 576):Max.15 fps
Video Streaming	Triple
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
Digital Zoom	Supported
Evaluative Metering	Supported
HLC	Supported
Smart	
Behavior Detection	Intrusion, crossing line, motion detection, Auto tracking
Exception Detection	Audio detection
Intelligent Identification	Face detection
Statistical Analysis	People counting
Audio	
Audio Compression	G.711
Two-way audio	Supported
Storage	
Edge Storage	Micro SD, Up to 128 GB
Network	
Protocols	L2TP, IPv6, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP UPnP, HTTP, HTTPS, SMTP, 802.1x
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	256
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
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	2 / 1
Serial Port	1 RS485
Network	10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]
General	
Power	24V AC (Default), 24V DC
	Power consumption: 8~52.5W
Dimensions (Ø x H)	Ø227 x 359.4 mm (Ø8.9" x 14.2")
Weight	5.5 kg (12.1lb)
Working Environment	-40°C to +70°C (-40°F ~ 158°F), Humidity ≤ 95% RH
Ingress Protection	IP66