4KUltra-HD Network IR PTZ Dome Camera

RUPTZ224K-1

Key Features

Optics

- 22X Optical Zoom
- Fifth-generation infrared technology, more than200m (656 ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- Optical glass window with higher light transmittance
- Smart IR
- EIS (Electronic Image Stabilization)

Compression

- 12 Megapixel image
- Ultra 265,H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams

- Customized OSD

Network

- ONVIF Conformance

Structure

- Innovative snow-removing functionality
- Intelligent temperature control technology
- More effective heat dissipation system
- 6 KV surge protection designed for network interface
- IP66
- IK10

Specifications

	RUPTZ224K-1
Camera	
Sensor	1/1.7", progressive scan, 12.0megapixel, CMOS
Lens	6.5~ 143 mm (22x optical zoom) , AF automatic focusing and motorized zoom lens
Angle of View (H)	56.69° (wide) ~ 3.19° (tele)
Shutter	Auto/Manual, shutter time: 1/6 s ~ 1/100000 s
Minimum Illumination	Colour: 0.06 lux (F1.5,AGC ON) 0 lux with IR
Iris	Auto/Manual, F1.5 ~ F3.4
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>55 dB
IR Range	UP to 200m (656ft)
Defog	Digital Defog
WDR	DWDR
Video	
Video Compression	Ultra 265,H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream:12 MP(4000×3000):Max.20 fps，8MP(3840 × 2160): Max.25fps, 2MP(1920×1080)@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, cros line, motion detection
Exception Detection	Audio detection
Intelligent Identification	Face detection
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	8 KHZ
Storage	
Edge Storage	Micro SD, up to 128 GB
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
Compatible Integration	ONVIF(Profile S, Profile G), API
Pan & Tilt	
Pan Range	360°
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	Preset patrol, route patrol, recorded patrol
Home Position	Supported
Interface	
Audio I/O	Audio cable
	1 Input: impedance 35 kΩ; amplitude 2 V [p-p]
	1 Output: impedance 600 Ω; amplitude 2 V [p-p]
Alarm I/O	2 / 1
Serial Port	1 RS485
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]
General	
Power	24 V AC±25% (Default), 24 V DC±25%, PoE(PSE Required)
	Power consumption: 8~52.5W
Dimensions (Ø x H)	Ø227x359.4 mm (Ø8.9" x 14.2")
Weight	5.5 kg (12.1 lb)
Working Environment	−40°C ~ +70°C (-40°F ~ 158°F), Humidity: 10%~95% RH(non-condensing)

Vandal Resistant	IK10
Ingress Protection	IP66
Reset Button	Supported

Dimensions