



Description

Dual-channel network PTZ camera for wide-area coverage, detailed tracking, smart intrusion prevention, people counting, and low-light surveillance.

Features

- Dual-channel single-IP design provides overall view and detailed view at the same time.
- Dual-lens video splicing in one channel provides a wider monitoring range.
- Ultra 265, H.265, H.264, and MJPEG compression support.
- Gyroscope stabilization supports a stable image in challenging environments.
- 25X optical zoom PTZ detail channel enables close viewing of subjects.
- Smart intrusion prevention with false alarm filtering for cross line, intrusion, entering area, and leaving area detection.
- People counting supports flow statistics and crowd density monitoring.
- LightHunter low-light imaging plus IR and warm light illumination for demanding scenes.

Applications

- **Perimeter security:** Transportation hubs, Critical infrastructure
- **City surveillance:** Industrial facilities, Campus surveillance
- **Parking lots:** Public safety monitoring, Large venue security

Specifications

Channel	Channel 1 (Panorama)	Channel 2 (Detail)
CAMERA		
Max Resolution	8MP	
Sensor	1/1.8" CMOS	1/1.2" CMOS
Min. Illumination	Color	0.0005 Lux (F1.6, AGC ON)
	IR	0 Lux with IR / warm light
Day/Night	IR-cut filter with auto switch (ICR)	
Shutter	Auto/Manual, 1 to 1/100000 s	
WDR	120 dB	
S/N	>56 dB	
LENS		
Digital Zoom	N/A	16x
Optical Zoom	N/A	25x
Iris Type	Fixed	P-Iris
Focal Length	4 mm	10–250 mm
ILLUMINATOR		
Light On/Off Control	Auto/Manual	
Illumination Distance	IR	N/A
	Warm Light	30 m (98.4 ft)
VIDEO		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
Frame Rate	Main Stream	8MP (3840 x 2160), max. 30 fps; 6MP; 4MP; 1080P; 720P; D1; 640 x 360; 2CIF; CIF
	Sub Stream	1080P; 720P; D1; 640 x 360; 2CIF; CIF, max. 30 fps
	Third Stream	D1; 640 x 360; 2CIF; CIF, max. 30 fps
Frame Recommendation	3840 x 2160 @30 fps + 1080P @30 fps + D1 @30 fps; 3072 x 2048 @30 fps + 1080P @30 fps + D1 @30 fps	
Video Bit Rate	128 Kbps to 16 Mbps	
Video Stream	Triple streams	
ROI	Support	
OSD	Up to 10 OSDs	
Privacy Mask	24 areas, up to 8 areas per scene	

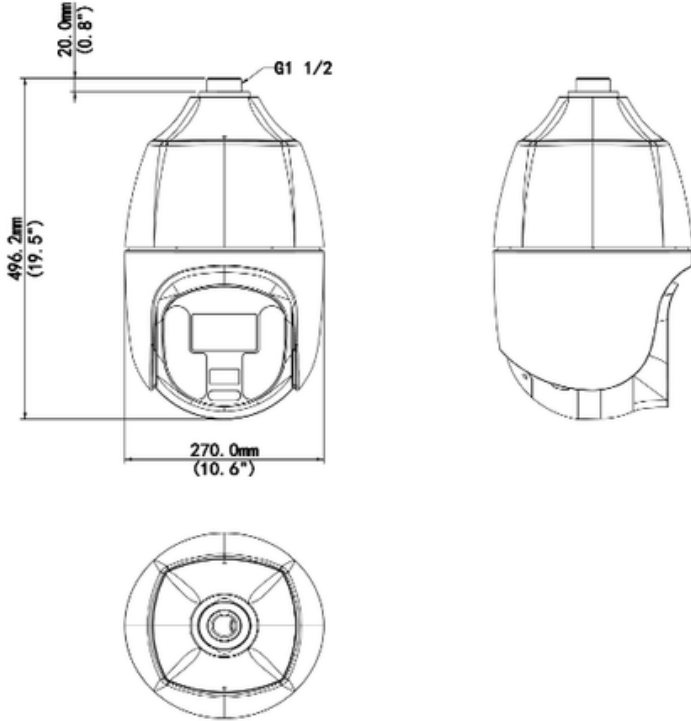


Specifications

IMAGE		
Digital Noise Reduction	2D/3D DNR	
Smart IR	N/A	Support
Defog	Digital defog	Optical defog
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2	
HLC	Support	
BLC	Support	
Heatwave Reduction	N/A	Support
INTELLIGENT		
Metadata Analysis	Human body, human face, motor vehicle, and non-motor vehicle image capture and attribute collection	
People Counting	Detail channel supports people flow counting and crowd density monitoring	
Smart Intrusion Prevention	Cross line, intrusion, entering area, and leaving area detection with false alarm filtering and classification of human, non-motor vehicle, and vehicle	
EVENTS		
Basic Detection	Motion detection, audio detection, tampering alarm	
General Function	Watermark, IP address filtering, alarm input/output, access policy, ARP protection, RTSP authentication, user authentication	
PTZ		
Pan	Range	360°
	Speed	0.1°/s–180°/s
Tilt	Range	-15°–90°
	Speed	0.1°/s–180°/s
Number of Presets	1024 detail-channel presets	
Preset Patrol	16 patrols, up to 64 presets for each patrol	
Patrol Stay Time	15–1800 s	
Home Position	Support	
NETWORK		
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS	

Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK	
User/Host	Up to 32 users. 3 user levels: administrator, common user, and operator	
Security	TLS 1.3, password protection, HTTPS encryption, operation logs, RTSP/HTTP authentication, TLS 1.2, ONVIF authentication	
STORAGE		
Edge Storage	MicroSD, up to 512 GB	
Network Storage	ANR, NAS (NFS)	
INTERFACE		
Alarm I/O	7/2	
Audio I/O	1/1	
Two-Way Audio	Support	
Serial Port	1 x RS485	
Network	1 x RJ45 10M/100M/1000M Base-TX Ethernet + 1 x 100M/1000M SFP	
GENERAL		
Power	DC 24V (+/-25%), AC 24V (+/-25%)	
Power Consumption	Max. 63 W	
Dimensions (Ø × H)	270 × 497 mm (10.6" × 19.6")	
Weight	10.08 kg (22.2 lb)	
Working Environment	Temperature	-40°C to +70°C (-40°F to +158°F)
	Humidity	≤95% RH (non-condensing)
Surge Protection	6 KV	
Protection	IP66, IK10 anti-vandalism except for front window	
Reset Button	Support	

Dimensions — [mm]



Accessories



Indoor Ceiling Pedestal



Ceiling Pole 500



Corner Mounting Bracket



Long Wall Mount Bracket



Pole Mount Bracket



Pole Mount Bracket