



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)	0.0005 Lux (F1.6, AGC ON)
	IR	0 Lux with IR / warm light	0 Lux with IR
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	250 m (820.2 ft)
	Warm Light	30 m (98.4 ft)	N/A
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	

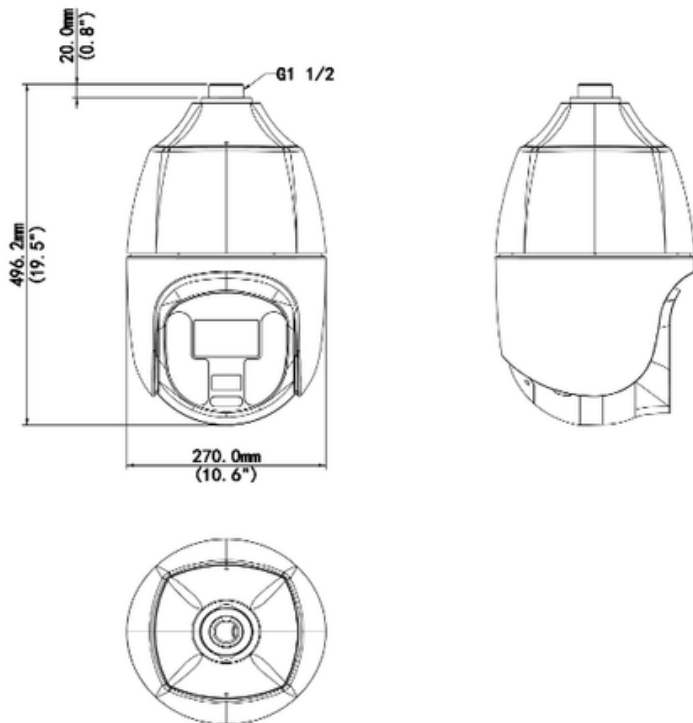
Specifications

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



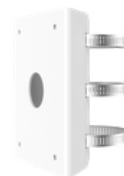
Corner Mounting Bracket



Long Wall Mount Bracket



Pole Mount Bracket



Pole Mount Bracket