



### Description

Outdoor network PTZ camera for long-range surveillance, low-light monitoring, AI perimeter protection, target tracking, and wide-area security operations.

### Features

- 8MP 4K video at 3840 x 2160, max. 30fps.
- 42X optical zoom for long-distance identification and monitoring.
- Smart intrusion prevention with false-alarm filtering.
- Auto-tracking and multi-target detection for humans, vehicles, and non-motor vehicles.
- People counting with people flow and crowd density monitoring.
- Optical defog, self-adaptive defog, LightHunter low-light imaging, 500m IR, gyroscope stabilization, and wiper support.

### Applications

- **Perimeter security:** Transportation hubs, Critical infrastructure
- **City surveillance:** Industrial facilities, Campus surveillance

### Accessories



Indoor Ceiling Pedestal



Ceiling Mount Pole



Wall / Gooseneck Bracket

### Specifications

CAMERA		
Image Sensor	1/1.8" CMOS	
Max. Resolution	3840 x 2160 (8MP)	
Min. Illumination	Color: 0.0005 Lux @F1.2, AGC ON, 0 Lux with IR	
Day/Night	IR-cut filter with auto switch (ICR)	
Shutter	Auto/Manual, 1 to 1/100000 s	
Digital Zoom	16x	
Optical Zoom	42x	
WDR	120 dB	
S/N	>56 dB	
LENS		
Focal Length	6–252 mm	
Iris	F1.2-F4.6	
Field of View	H	57.96°–2.15°
	V	34.61°–1.21°
	D	71.30°–2.54°
DORI		
DORI Distance	Detect	155.5–4829.4 m (510.1–15844.5 ft)
	Observe	62.2–1931.8 m (204.0–6337.8 ft)
	Recognize	31.1–965.9 m (102.0–3168.9 ft)
	Identify	15.5–482.9 m (51.0–1584.4 ft)
IR ILLUMINATOR		
IR Distance	500 m (1640 ft)	
Wavelength	850 nm	
IR On/Off Control	Auto/Manual	
VIDEO		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
Frame Rate	Main Stream	8MP (3840 × 2160), max. 30 fps
	Sub Stream	1080P, max. 30 fps
	Third Stream	D1, max. 30 fps
Privacy Mask	24 areas	
ROI	Supported	



### Specifications

<b>OSD</b>	Up to 10 OSDs	
<b>IMAGE</b>		
<b>BLC</b>	Supported	
<b>HLC</b>	Supported	
<b>Defog</b>	Digital defog, Optical defog	
<b>Image Stabilization</b>	EIS with gyroscope	
<b>Digital Noise Reduction</b>	2D/3D DNR	
<b>NETWORK</b>		
<b>Compatible Integration</b>	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK	
<b>Security</b>	Password protection, HTTPS encryption, logs, RTSP/HTTP authentication, TLS 1.2/1.3	
<b>ANALYTICS</b>		
<b>AI Analytics</b>	Auto tracking, multi-target detection, smart intrusion prevention, people counting, object removed, object left behind	
<b>STORAGE</b>		
<b>Edge Storage</b>	Micro SD up to 512 GB	
<b>Network Storage</b>	ANR, NAS (NFS)	
<b>PTZ</b>		
<b>Pan</b>	<b>Range</b>	360° continuous rotation
	<b>Speed</b>	0.1°/s–180°/s
<b>Tilt</b>	<b>Range</b>	-15° to +90° with auto flip
	<b>Speed</b>	0.1°/s–180°/s
<b>Preset Positions</b>	1024	
<b>Preset Patrol</b>	16 patrols, up to 64 presets for each patrol	
<b>Route Patrol</b>	Up to 32 actions for each patrol	
<b>Recorded Patrol</b>	Up to 128 actions for each patrol	
<b>INTERFACE</b>		
<b>Audio I/O</b>	1/1	
<b>Alarm I/O</b>	7/2	
<b>Serial Port</b>	1 × RS485	
<b>Network</b>	1 × RJ45 10M/100M	

<b>Video Output</b>	1 BNC debug output	
<b>Wiper</b>	Supported	
<b>Heater</b>	Supported	
<b>GENERAL</b>		
<b>Power Supply</b>	AC 24V +/-25%, DC 24V +/-25%, PoE (IEEE 802.3bt)	
<b>Power Consumption</b>	Max. 67 W	
<b>Protection Grade</b>	IP67	
<b>Surge Protection</b>	6 KV	
<b>Operating Environment</b>	<b>Temperature</b>	-40°C to +70°C (-40°F to +158°F)
	<b>Humidity</b>	≤95% RH, non-condensing
<b>Weight</b>	29.6 kg (65.3 lb)	
<b>Dimensions (Ø × H)</b>	226.7 × 440.3 mm (8.9" × 17.3")	

### Dimensions — [mm]

