



Description

Professional long-range PTZ camera designed for perimeter security, traffic monitoring, industrial sites, and general outdoor surveillance. Features LightHunter low-light imaging, 40X optical zoom, intelligent analytics, Smart IR, and rugged outdoor protection.

Features

- High quality image with 1080P, 1/1.8" CMOS sensor
- 1920 x 1080@30 fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 40X optical zoom
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- Automatic selection of best snapshots, supports face detection masked area
- People counting, supports people flow counting and crowd density monitoring, suitable for different statistical scenarios
- LightHunter technology ensures ultra-high image quality in low illumination environment

Specifications

CAMERA		
Image Sensor		1/1.8" CMOS
Max. Resolution		1920 x 1080 (2MP)
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		40x
WDR		120 dB
S/N		>52 dB
LENS		
Focal Length		5.7–256.5 mm
Iris		F1.2-F4.6
Field of View	H	59.5°–2.2°
	V	35.6°–1.2°
	D	73.2°–2.6°
DORI		
DORI Distance	Detect	88.4–3980.2 m (290.2–13058.3 ft)
	Observe	35.4–1592.1 m (116.1–5223.3 ft)
	Recognize	17.7–796.0 m (58.0–2611.7 ft)
	Identify	8.8–398.0 m (28.9–1305.8 ft)
IR ILLUMINATOR		
IR Distance		250 m (820 ft)
Wavelength		850 nm
IR On/Off Control		Auto/Manual
VIDEO		
Video Compression		Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream	1080P (1920 × 1080), max. 30 fps
	Sub Stream	1080P (1920 × 1080), max. 30 fps
	Third Stream	D1 (720 × 576), max. 30 fps
Video Bitrate		128 Kbps to 16 Mbps
Video Stream		Triple Streams

Specifications

U-Code		Supported
ROI		Supported
Privacy Mask		24 areas, up to 4 areas per scene
OSD		Up to 10 OSDs
IMAGE		
White Balance		Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Flip		Normal, Flip vertical, Flip horizontal, 180°
HLC		Supported
BLC		Supported
Smart IR		Supported
Defog		Digital defog, Optical defog
EIS		Supported
Heatwave Reduction		Supported
Image Stabilization		EIS (Gyroscope)
Digital Noise Reduction		2D/3D DNR
AUDIO		
Audio Compression		G.711U, G.711A
Audio I/O	Input	1: impedance 1 kΩ, amplitude 2.5 V [p-p]
	Output	1: impedance 600 Ω, amplitude 2.5 V [p-p]
Audio Bitrate		128 Kbps
Two-Way Audio		Supported
Suppression		Supported
Sampling Rate		16 KHz
NETWORK		
User/Host	Users	Up to 32 users
	User Levels	3 user levels: administrator, common user, operator
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

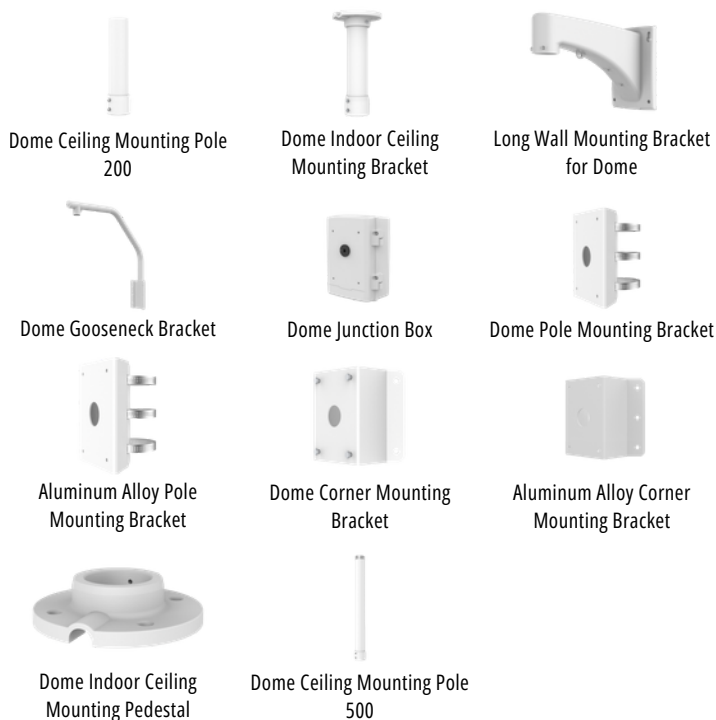
Security		TLS 1.3, Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF
Client		EZStation, 2M-Link, 2M-Link Pro
Web Browser		Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
EVENTS		
Basic Detection		Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind
General Function		Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, Alarm input, Alarm output
INTELLIGENT		
Exception Detection		Object removed, Object left behind
Smart Intrusion Prevention		Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
People Counting		People flow counting, crowd density monitoring
STORAGE		
Edge Storage		Micro SD up to 512 GB
Network Storage		ANR, NAS (NFS)
PTZ		
Pan	Range	360° (endless)
	Speed	0.1°/s–180°/s
Tilt	Range	-15°–90° (auto reverse)
	Speed	0.1°/s–180°/s
Number of Presets		1024
Preset Patrol		16 patrols, up to 64 presets for each patrol
Route Patrol		16 patrols, up to 32 actions for each patrol
Recorded Patrol		16 patrols, up to 128 actions for each patrol
Preset Image Freeze		Supported
Patrol Stay Time		15–1800 s
Home Position		Supported



Specifications

INTERFACE	
Alarm I/O	7/2
Wi-Fi	N/A
Built-In Mic	N/A
Built-In Speaker	N/A
Serial Port	1 × RS485
Network	1 x RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
CERTIFICATION	
EMC	CE-EMC (EN 55032:2015+A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 55035:2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-ROHS (2011/65/EU;(EU)2015/863)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)

Accessories



GENERAL		
Power Supply		AC 24 V+/-25%, DC 24 V+/-25%, PoE++ (IEEE 802.3bt)
Power Consumption		Max. 61 W
Power Interface		Wires with cold-pressed terminal
Surge Protection		6 KV
Operating Environment	Temperature	-40°C to +70°C (-40°F to +158°F)
	Humidity	≤95% RH, non-condensing
Storage Environment	Temperature	-40°C to +70°C (-40°F to +158°F)
	Humidity	≤95% RH, non-condensing
Weight		10.3 kg (22.66 lb)
Dimensions (Ø × H)		270 x 497 mm (10.6" x 19.6")
Reset Button		Supported
Heater		Supported
Web Client Language (22 Languages)		Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak

Dimensions — [mm]

