U·LINK



UL-8PIR500V40-IP

8MP 40x Starlight PTZ AI Camera

POWERING THE FUTURE



Features

- PTZ Al Network Camera.
- 1/1.8" 8MP STARVISTM CMOS.
- Powerful 40x Optical Zoom.
- Starlight Technology.
- Auto-Tracking.
- Smart Wiper.
- IP67.

Specification

Camera

Image Sensor	1/1.8" 8MP STARVIS™ CMOS
Resolution	8MP
Effective Pixels	3840x2160p
Compression	Smart H.265+; H.265; Smart H.264+; H.264; MIPEG (Sub Stream 1)
TV System	PAL/NTSC
Electronic Shutter Time	1/1s-1/30000s
Minimun Illumination	Color: 0.005 Lux@F1.4 B/W: 0.0005 Lux@F1.4 0 Lux@F1.4 (Illuminator On)
S/N Ratio	≥ 55dB
Scanning System	Progressive
Auto Manual Iris	Yes
ROM	8GB
RAM	2GB
Illumination Distance	500m (1640.42ft)
Illuminator On/Off Control	Zoom Prio, Manual, SmartIR
Wiper	Smart Wiper
Streaming Method	Unicast, Multicast

Lens

Focus Length	5.6mm ~ 223mm
Focus Control	Auto, Semi-Auto, Manual
Max. Aperture	F1.4-F4.8
Pixels	8MP
Field Of View	H: 63.9°-2.0°; V: 37.2°-1.2°; D: 71.2°-2.4°
Optical Zoom	40X
DORI Distance	Detect 4400m (14435.70ft) Observe 1740m (5708.66ft) Recognize 880m (2887.14ft) Identify 44 m (1443.57ft)

PTZ

Pan/Tilt Range	Pan: 0° To 360°Tilt: -30° to +90°, Auto Flip 180°
Manual Control Speed	Pan: 0.1°/s-240°/sTilt: 0.1°-100°/s
Preset Speed	Pan: 240%, Tilt: 120%
Preset	300
Tour	8 (Up To 32 Presets Per Tour)
Pattern	5
Scan	5
Speed Adiustment	Yes
Power-Off Memory	Yes
Idle Motion	Preset, Tour, Pattern, Scanning
Protocol	DH_SD Pelco-P/D (Auto Recognition)

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	PV4, IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP v1/v2c/v3 (MIB-2), DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPOE, ARP, RTCP, RTMP
ONVIF	Support S&G&T, CGI
P2P	Yes, Support FTP, Micro SD Card (256GB)

Main Stream	4K/1080P/1.3M/720P (1-25/30 fps)
Sub Stream 1	D1/CIF (1-25/30fps)
Sub Stream 2	1080P/1.3M/720P (1-25/30fps)
User/Host	20 (Total Bandwidth 64MB)
Storage	FTP: Micro SD Card (256GB): P2P
Management Software	Smart PSS, DSS, DMSS, Easy4ip, IVSS
Mobile Phone	IOS, Android
Browser	IE7 & Later Versions Chrome 42 & Earlier Versions Firefox 52 & Earlier & Safari

Video

Compression	Smart H.265+, H.265, Smart H.264+, H.264, MUPEG (Sub Stream 1)
Streaming Capability	3 Streams
Resolution	4K (3840×2160), 4M (2560×1440), 1080P (1920×1080) 1.3M (1280×960), 720P (1280×720), D1 (704×576), CIF (352×288)
Frame Rate	Main stream: 4K/1080P/1.3M/720P (1-25/30 fos) Sub stream 1: D1/CIF (1-25/30 fos) Sub stream 2: 1080P/1.3M/720P (1-25/30 fps)
Bit Rate Control	Variable, Constant
Bit Rate	H264: 512 Kbps-16384 Kbps H265: 256 Kbps-10240 Kbps
BLC	Yes
WDR	140dB
HLC	Yes
White Balance	Auto, Indoor,Outdoor, Tracking, Manual, Sodium Lamp, Natural, Street Lamp
Gain Control	Auto/Manual
Noise Reduction	2D, 3D
Motion Detection	Yes
Region Of Interest (Rol)	Yes

Day/Night	Auto (ICR), Color, B/W
Image Stabilization	Electronic (EIS)
Defog	Optical
Digital Zoom	16X
Flip	0°, 180°
Privacy Masking	Up To 24 Areas, & Up To 8 Areas In The Same View

Camera features

Event Trigger	Motion Detection, Video Tampering, Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access, & Storage Anomaly
IVS	Object Abandoned, Object Missing

Artificial Intelligence

Video Metadata	Support Human Body, Human Face, Motor Vehicle & Non-Motor Vehicle Image Capture & Attributes Extraction.
Perimeter Protection	Tripwire & Intrusion. Support Alarm Triggering By Target Types (Human & Vehicle). Support Filtering False Alarms Caused By Animals, Rustling Leaves, Bright Lights, etc
Face Recognition	Yes
Auto Tracking	Yes

Audio

Compression	G.711a, G.711mu, G.726, AAC;,G722.1, G.729, MPEG2-Layer2, G723
Audio Input	1 (Line In, Bare Wire)
Audio Output	1 (Line Out, Bare Wire)

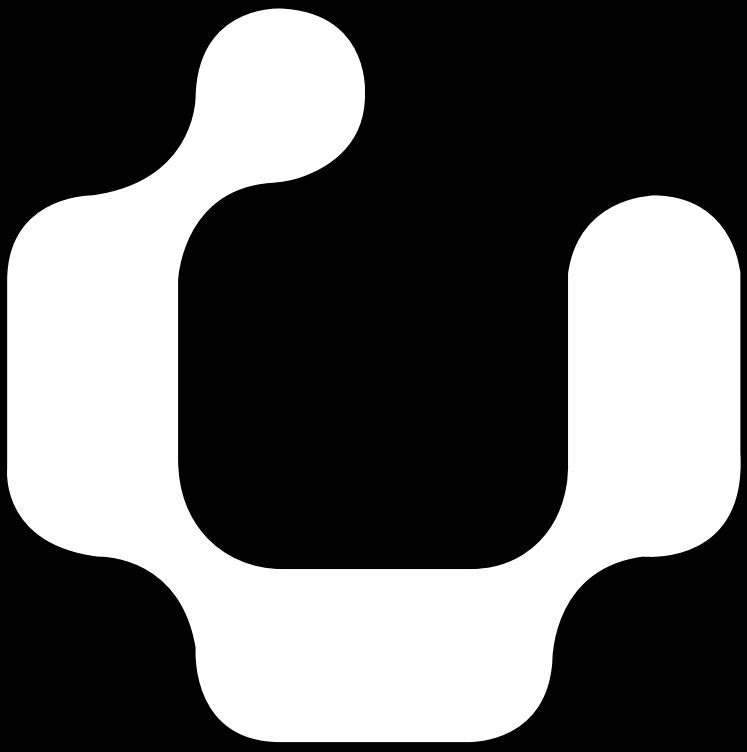
Mechanical

Alarm 1/0	7/2
Illumination Distance	500m (1640.42ft)
RS-485	1 (Baud Rate Range:1200bps-9600bps)

General

Power Supply	DC 36V/2.23A±25% Hi-PoE
Power Consumption	30W 48W (IR Light On)
Operating Temperature	-40°C ~ +70°C (-40°F ~ +158°F)
Operating Humidity	≤ 95%RH
Protection	IP67, IK10, TVS 6000V Lightning protection, Surge protection, Voltage Transient Protection
Casing	Metal
Dimensions WxH	Φ415.6×262mm (16.36"x10.31")
Net Weight	8.5kg (18.74lb)
Gross Weight	13.5kg (29.76lb)





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