

U-Link

4 Directional Multi-sensor Network Camera

UL-20PANIR-30



FEATURES

4 adjustable lenses in one camera cover up to a 360° field of view

The monitoring tilt angle can also be adjusted

IP67/IK10 water resistant and vandal proof, preventing water ingress for outdoor use

H.265+/H.265/H.264+/H.264 encoding

Each lens has a resolution of up to 5 MP, capturing clear images

A built-in heater provides ultra-low temperature start-up to -40°C

The camera can be connected by fiber optical cable for the transfer of data over long distances

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SPECIFICATION

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Resolution	5MP
Effective Pixels	2560 (H) x 1920 (V)
Compression	H.265+/H.265/H.264+/H.264 encoding: efficient compression technology saves storage space and reduces bandwidth requirements
Digital Noise Reduction	3D DNR
Shutter Speed	1/25 s - 1/100,000 s
Minimum Illumination	Color: 0.006 Lux @ (F1.2, AGC ON), 0.010 Lux @ (F1.6, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON) 0 Lux with IR on
WDR	120 dB
Scanning System	Progressive
Day & Night	IR Cut Filter
Auto-Iris	No
3-Axis Adjustment	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°
Lens	
Focus Length	2.8mm to 12mm
Aperture	F1.6
FOV	Horizontal field of view: 30° to 101° Vertical field of view: 22.4° to 73° Diagonal field of view: 37° to 137°
Lens Mount	Ø14
Night Vision	
Wavelength	850 nm
Infrared Distance	10 m to 30 m
Network	
Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP
ONVIF	Support (PROFILE S, PROFILE G), ISAPI
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
General Function	One-key reset, anti-flicker, mirror, heartbeat, password protection, privacy mask, watermark, IP address filter
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users , 3 levels: Administrator, Operator and User
Web Browser	IE8+, Chrome31-44, Firefox 30.0 - 51
Interface	
Audio (-S)	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, dual-track, stereo
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port 1 RS-485Interface
Alarm (-S)	2 inputs, 2 outputs (up to 24 VD, 1A or 110 VAC, 500mA)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes



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Main stream	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
Sub-stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 24fps (704 × 480, 640 × 480)
Third stream	50Hz: 6fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 8fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
Compression Standard	
Video Compression(Main stream)	H.265/H.264
Sub stream	H.265/H.264/MJPEG
Third stream	H.265/H.264
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Yes
H.265 Type	Main Profile
H.265+	Yes
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Camera Features	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Exception Detection	Audio exception detection, scene change detection, defocus detection
Face Detection	Yes
Region of Interest	Support 4 fixed region for each stream
Image Enhancement	BLC, 3D DNR, EIS
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, and white balance are adjustable by client software or web browser
SVC	Support
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
WDR	120 dB
Motion Detection	Support
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Audio	
Environment Noise Filtering	Support
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Fiber Optical	
Interface Type	FC interface
Optical Type	Single mode, single fiber
Input/output Wavelength	Tx1310nm/1.25G, Rx1550nm/1.25G
Transmission Distance	20 km

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General	
Firmware Version	5.5.30
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). -H: -40 °C to 60 °C (-40 °F to 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 VDC \pm 20%, 24 VAC \pm 20% (for customization), three-core terminal block, HI-PoE: 42.5 VDC to 57 VDC, -Z: PoE (802.3at)
Power Consumption and Current	12 VDC \pm 20%: max. 28 W/2.3 A 24 VAC \pm 20%, max. 50 to 60 Hz/2.5 A (for customization) HI-PoE: 42.5 VDC to 57 VDC, max. 38W/0.9 A to 0.6 A
Protection Level	IP67, IK10