



4K Day & Night Fixed IR Dome IP Camera



Features

- Ultra HD 12 megapixel CMOS image sensor
- 4K True H.264 AVC High Profile video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Motion / Tamper / Audio / Alarm / Network lost detection function
- High efficiency IR LED, radiant distance up to 30M
- Day & Night (IR cut removable)
- ONVIF supported

Specifications

Model	UHR6582E4
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Min. illumination/Low Light Mode (Colour)	Color : 0.1 Lux at F1.6 ; B/W : 0.03 Lux at F1.6 ; 0 Lux with IR LED ON
Starting Temperature	-10°C – +45°C (14°F – 113°F)
Operating temperature	-40°C – +45°C (-40°F – 113°F)
Storage temperature	-25°C – +60°C (-13°F – 140°F)
Operating humidity	0% – 90% RH
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 9.6W / PoE, 10.6W
Lens	4mm
Iris	F1.6
Angle of View	81.7°
Peak wavelength	850nm
Beam Spread	60° , 90°
Max IR distance	30M
Pick Up Element	1/1.7" CMOS image sensor
Effective pixels	4072 (H) × 3046 (V) = 12,403,312 (pixels)
CE	Yes, EMI CLASS B
FCC	Yes, EMI CLASS B
CPU requirement	Intel® Core™ i5 or higher grade
OS requirement	Windows 7 or above
RAM requirement	8GB or above, Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 9 or above
Dimensions	Ø115 × 91 (H) mm
Weight	430g approx.
Video Compression	H.264 main and high profile, Motion JPEG
Video streaming	H.264 main and high profile, Motion JPEG
Number of streams	4
Video bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported; Fixed bitrate
IP address filter	IP address filter, MAC address filter

Encryption	Base64 HTTP encryption, HTTPS encryption
Authentication (System)	Digest HTTP authentication, RTSP authentication, 802.1x, DDNS via HTTPS
Access	Multiple user access levels with password protection
User accounts	10 simultaneous users
Multi IP address	Yes
Resolution	4K(3840 × 2160), 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Frame Rates	Single-stream mode, H.264 : up to 30 fps @ 3840 × 2160 (Video only support preview mode) Multi-stream mode, H.264 : up to 24 fps @ 3840 × 2160, 30 fps @ 1920 × 1080, MJPEG : up to 30 fps @ 1920 × 1080
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom
Back Light Compensation (BLC)	On / Off
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	42 dB Variable Gain
S / N Ratio	More than 50dB (AGC off)
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Defog
Mobile phone	Integrated to LILIN mobile app (LILIN Viewer) iPhone, iPad, Android support

Video Management	ONVIF Profile S, LILIN Navigator Enterprise 2.0, Third party VMS through LILIN HTTP API
Firmware	Firmware update via HTTP and IP Scan; Firmware available at website
IVS Advanced 2.0	Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection, Object Counting
IVS Advanced 2.1 (Optional)	Unattended Object Detection, Missing Object Detection, Crowd Detection, Loitering Detection, Face Detection
Network Interface/Ethernet	10/100/1000 Mbps Base-T, RJ-45
ePTZ & Digital Zoom	Yes, ROI (Region of Interest)
OSD	Text overlay for date, time, and camera name
CPU	Embedded SoC, 1.0GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory
OS	Embedded Linux 3.8.8
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, Bonjour, 802.1x, SSL/TLS
Max number of online users	10 simultaneous users
Video Display	LILIN Universal ActiveX & HTML5