



4K Day & Night Auto Focus IR Vandal Resistant Dome IP Camera



Features

- Ultra HD 8M megapixel CMOS image sensor
- 8MP H.265/HEVC and H.264/AVC high-performance video compression
- Simultaneous streaming of H.265 and H.264 encoded streams
- Auto focus with zoom / focus motorized lens
- 3D noise reduction (MCTF)
- 2D WDR function
- HDR function up to 140dB
- AI supported
- Motion / Tamper / Audio / Alarm / Network lost detection / Global Counter / Virtual Input / Metadata

- SMART event
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- 3-Axis construction
- ONVIF Profile S , T , G supported
- IP67 rain and dust resistant
- Vandal resistant approve IK10

Description

The Z6 series cameras with high performance chip and auto-zoom lens can effectively and precisely capture the details of the object, which is more advantageous in applications that require magnified view.

H.265 encoding also saves bandwidth to stream the video in a smart manner.

Specifications

Model	Z6R6482X3
Min. illumination/Low Light Mode (Colour)	Color : 0.08 Lux at F1.6 ; B/W : 0.01 Lux at F1.6 ; 0 Lux with IR LED ON
Focal Length	2.8~12mm (zoom / focus motorized)
Iris	F1.6
Iris Control	Fixed IRIS
Angle of View (V)	58.5° (W) - 18.4° (T)
Angle of View (D)	132.6° (W) - 37.2° (T)
Peak wavelength	850nm
Beam Spread	60° , 90°
Max IR distance	30M
Pick Up Element	1/2.8" CMOS image sensor
Effective pixels	3864 (H) × 2176 (V) = 8,408,064 (Pixels)
Light sensor	Yes
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
IP Rating	IP67
Vandal Resistant Rating / IK Rating	IK10
CPU	Intel® Core™ i7 or higher grade
OS	Windows 7 or above
RAM	8GB or above, Dedicated Graphics Card

Web browser	Microsoft® Internet Explorer® 9 or above Microsoft® Edge (IE mode)
Audio Input / Output	Mono, 1.98 Vp-p , 2.2KΩ , Terminal Block
Microphone	External Microphone Required
Audio	Two-way Audio, G.711 u-law / PCM / AAC, External Microphone Required
Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load.max. 40VDC,450mW/300mA,450mW), Terminal block
Video Compression	H.265/HEVC main profile, H.264 main and high profile , Motion JPEG
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth
Number of streams	3
Video bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate,
Encryption	Base64 HTTP encryption, HTTPS encryption
Authentication	Digest HTTP authentication, RTSP authentication, DDNS via HTTPS
Address Filter	Yes
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
Multi IP address	Yes
Resolution	4K(3840 × 2160), 6M(3072 × 2048), 5MP(2592 × 1944), 4MP(2304 × 1728), 3.1MP(2048 × 1536), 3MP(2304 × 1296), 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)

Maximum Frame Rate	<p>Normal mode:</p> <p>60Hz: 30 FPS @ 3840 × 2160</p> <p>50Hz: 25 FPS @ 3840 × 2160</p> <p>HDR mode:</p> <p>60Hz: 20 FPS @ 3840 × 2160</p> <p>50Hz: 20 FPS @ 3840 × 2160</p>
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
White Balance	Auto / Manual
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / x2 / x4 / x8 / x16
Sense Up+	Yes
Auto Gain Control	48 dB Variable Gain
S / N Ratio	More than 40dB (AGC off)
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range(HDR)	Up to 140dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Defog
Auto Focus	One Push
EV (Exposure Value)	Adjustable
Mobile Application	Integrated to LILIN mobile app (LILIN Home) iPhone, iPad, Android support
Video Management	ONVIF Profile S / ONVIF Profile T / ONVIF Profile G / IVS events, LILIN Navigator Enterprise 2.0 support, Third party VMS through LILIN HTTP API
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
Maintenance	Firmware update via HTTP and IP Scan; Firmware available at website

SD Card Compatible List	<p>Micron - 32GB,64GB,128GB,256GB,512GB, 1TB (SDXC, U1, C10)</p> <p>Transcend - 4GB SD,8GB SDHC,32GB SDHC C10,128GB SDXC C10</p> <p>SanDisk - 8GB SDHC, 32GB, 64GB, 128GB SDHC C10</p> <p>Kingston - 64GB SDXC C10</p>
IVS Basic 1.0	Motion / Tamper
Alarm event triggers	Motion / Tamper / Audio / Alarm / Network lost detection / Global Counter / Virtual Input / Metadata
Alarm event actions	FTP / SMTP / HTTP post / SD card / SAMBA / Alarm Output / Push Service / Global Counter / Virtual Input
Languages	English, Traditional Chinese, Simplified Chinese, Russian, Italian, Hungarian, Korean, French, Turkish, Arabic, Spanish, Japanese
Network Interface/Ethernet	10BASE-T/100BASE-TX, RJ-45
OSD	Position configurable text overlay for date, time, camera ID
CPU.Memory	Embedded Quad-core ARM Cortex-A9 1.0GHz CPU & (DDR 512MB/Flash 512MB)
Network OS	Embedded Linux 4.14(By SPEC)
Protocols	IPv4, TCP, UDP, HTTP, HTTPS, QoS, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, ONVIF Profile S, ONVIF Profile T, ONVIF Profile G
Max number of online users	10 simultaneous users
Video Display	LILIN Universal ActiveX & HTML5
Log	Event & operation log & IVS event log
Schedule	Support holiday list
Network Storage	NAS (Support SAMBA/CIFS)
Starting Temperature	-10°C – +50°C (-14°F – 122°F)

Operating temperature	-30°C – +50°C (-22°F – 122°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, 9.1W / PoE, 10.3W
Dimensions	Ø120 × 106 mm
Weight	760g
Casing Material	Aluminum alloy
Angle of View (H)	110.8° (W) - 32.8° (T)
