V1R9522E4W-LTE

2MP Day & Night 4G LTE Fixed IR IP Bullet Camera (Global)

V1 SERIES

The V1 Series is a 4G LTE camera specifically designed for environments without traditional network infrastructure. Operating independently via cellular signals, it requires no Wi-Fi or physical network cables, enabling a truly location-independent remote monitoring architecture.

The V1 Series is primarily used for remote monitoring and security protection. Its plug-and-play nature and stable connectivity make it a standout choice in its class, especially for scenarios requiring flexible deployment such as construction sites, farms, remote warehouses, and temporary event monitoring.

2MP ONVIF S T G M

- 2 megapixel CMOS image sensor
- 2MP H.265/HEVC and H.264/AVC high-performance video compression
- Simultaneous streaming of H.265 and H.264 encoded streams
- 3D noise reduction
- 2D WDR function
- HDR function up to 120dB
- IVS
- Motion / Network lost detection / Global Counter / Virtual Input / Metadata
- SMART event
- High efficiency IR LED, radiant distance up to 40m
- Day & Night (IR cut removable)
- ONVIF Profile S , T , G , M supported
- 4G LTE supported (Global)
- IP67 rain and dust resistant
- Vandal resistant approve IK10



Specs

Video Performance	
Min. Illumination	Color: 0.06 Lux at F2.0 ; B/W: 0.007 Lux at F2.0 ; 0 Lux with IR LED ON
Lens / Night Vision (Infrared LED)	
Focal Length	4 mm
Iris	F2.0
Angle of View	TBD
Peak Wavelength	850nm
Beam Spread	60° , 90°
Radiant Distance	40M
Sensor	
Pick Up Element	1/2.7" CMOS image sensor
Effective Pixels	1932 (H) x 1092 (V) = 2,109,711 (pixels)
Light Sensor	Yes
Certifications	
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
IP Rating	IP67
Vandal Resistant Rating	IK10 (Casing)
PC Requirements	
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
Video Streaming	
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 – 3Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate
Network Security	
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
Video Resolutions (H x V)	
Resolution	2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Maximum Frame Rate	60Hz : 30 fps @ 1920x1080 50Hz : 25 fps @ 1920x1080
Video Functions	
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	60 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	Up to 120dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Defog
EV (Exposure Value)	Adjustable

Integration	
Mobile Application	Integrated to LILIN mobile app (LILIN Pro) iPhone, iPad, Android support *Note: Use LILIN Pro for IP connection; use myLILIN or Merlin for P2P connection.
Video Management	ONVIF Profile S / ONVIF Profile T / ONVIF Profile G, IVS events, LILIN Navigator Enterprise 5.0 support, Third party VMS through LILIN HTTP API, Cloud
SD Card Recording	Support (128GB) Micro SD/SDHC/SDXC card for circular recording (card is not included)
SD Card Compatible List	Micron - 32GB,64GB,128GB,256GB,512GB, 1TB (SDXC, U1, C10) Transcend - 4GB SD,8GB SDHC,32GB SDHC C10,128GB SDXC C10 SanDisk - 8GB SDHC, 32GB, 64GB, 128GB SDHC C10 Kingston - 64GB SDXC C10
Maintenance	Firmware update via HTTP and IP Scan; Firmware available at website
IVS Basic 1.0	Motion detection
Event Triggers	Motion / Network lost detection / Global Counter / Virtual Input / Metadata
Event actions	FTP / SMTP / HTTP post / SD card / SAMBA / Push Service / Global Counter / Virtual Input
Languages	English, Traditional Chinese, Simplified Chinese, Russian, Italian, Hungarian, Korean, French, Turkish, Arabic, Spanish, Japanese
Network	
Ethernet	Ethernet : 10BASE-T/100BASE-TX, RJ-45 4G/LTE Operating Bands - LTE FDD : B1/ B2/ B3/ B4/ B5/ B7/ B8/ B12/ B13/ B18/ B19/ B20/ B26/ B28/ B38/ B40/ B41/ B66 (Built-in LTE CAT4 module and Nano SIM slot); SMA connector for 4G LTE external antennas
OSD	Position configurable text overlay for date, time, camera ID, event status
CPU, Memory	Embedded Single core ARM Cortex-A9 960MHz CPU & (DDR 512MB / Flash 128MB)
OS	Embedded Linux 4.19
Network Protocols	IPv4, TCP, UDP, HTTP, HTTPS, NTP, DDNS, FTP, ARP, DHCP, DNS, RTSP, RTCP, ICMP, IGMP, SMTP, Multicast, ONVIF Profile S, ONVIF Profile T, ONVIF Profile G, ONVIF Profile M, Stream P2P
Max number of online users	Web Live page : 10 simultaneous users P2P : 2 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)
Power and Environment	
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)
Humidity	0% – 90% RH
Power Supply	DC12V ±10%, Terminal block / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 10.2W / POE, 12W
Mechanical	
Dimension	100(W) x 85(H) x 284(D) mm (Not including Antenna)
Weight	980g
Casing Material	Aluminum alloy
Warranty	
Warranty	2 Year(s)