



1080P Day & Night IP Bullet Camera



Features

- Full HD 2 megapixel MOS image sensor
- 60 fps@1080P True H.264 AVC High Profile video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- HDR function up to 100dB
- Digital PTZ supported
- IVS supported
- Motion detection, Tampering detection, audio detection, tripwire, object counting, traffic light detection function
- Smart event support
- Day & Night (IR cut removable)
- Built-in highly sensitive microphone
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF Profile S supported
- LPR System (License Plate Recognition Systems)
- RS-485 supported

Specifications

Model	SG1122LPR-H (Discontinued)
Min. illumination/Low Light Mode (Colour)	0.04 Lux at F1.2 (Color);0.01 Lux at F1.2 (B/W)
Operating temperature	-25℃~50℃ (-13℃~122℉)
Power Supply	DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant)
Pick Up Element	1/2.86-inch MOS
Power Consumption	DC12V, 7.2W / PoE, 8W
Effective pixels	1952 x 1266
CE	EN 55022: 2010 Class A / IEC 61000-3-2: 2005+A2: 2008+A2: 2009 / IEC 61000-3-3: 2013
FCC	Part 15: Subpart B (Class A) / CISPR22: 2008 Class A
CPU	Intel® Core™ i5 or higher grade
OS	Windows 7 or above
RAM	4GB or above Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 9.0 and later
Dimensions	70 x 50 x 135mm
Weight	420g approx.
Audio Input / Output	Mono, 1.4 Vp-p, 50 KΩ, 3.5mm phone jack
Audio	Two-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone
Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact – N.O., Load max. 40VDC/300mA) , Terminal connector
Live Video Output	CVBS 1.0Vp-p, 75 ohm, RCA connector
Video Compression	H.264 (main & high profile); M-JPEG
Video streaming	RTP / HTTP, RTP / TCP, RTP / UPP, Multicast
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, Digest HTTP authentication, RTSP Authentication
Authentication	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	1080p HD (1920 x 1080) , 1280 x 960, 720p HD (1280 x 720) , D1 (720 x 480, 720 x 576) , 640 x 480 , CIF(352 x 240)
Maximum Frame Rate	Multi-stream mode, H.264 : up to 60 FPS @ 1920 x 1080, Motion JPEG : up to 30 FPS @ 720 x 480 / HDR mode, H.264 : up to 30 FPS @ 1920 x 1080 , Motion JPEG : up to 30 FPS @ 720 x 480
Detection speed	Under 50KM/h.
Countries (Numeric Plate)	EU, UK, Russia ,Belgium, Bosnia, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Luxembourg, Macedonia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Spain, Slovakia, United Kingdom, Vatican City, Slovenia, Sweden, Switzerland, Turkey, Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Latvia, Lithuania, Moldova, Turkmenistan, Ukraine, Uzbekistan / Plate number length supported: from 5 to 9 characters (A~Z and 0~9).
Scanning System	Progressive scan
Infrared Cut Filter	Colour (Day), Monochrome (Night), Auto, Schedule
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom
Back Light Compensation (BLC)	On / Off

Electrical Shutter	1/30(1/25)s to 1/30000s
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	60 dB variable gain
S / N Ratio	More than 50dB (AGC off)
3D Noise Reduction	Off / 1 to 32 selectable
2D WDR	Off / Auto / x2 / x3/ x4 (by normal mode)
High Dynamic Range(HDR)	Up to 100 dB by HDR mode, 2 shutter lines interleave
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction, Defog
Mobile Application	Integrated to LILIN mobile app (LILINViewer) iPhone, iPad, Android support
Video Management	ONVIF Profile S, LILIN Navigator Enterprise 1.0 and 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 web site
Alarm event triggers	Smart Event, IVS, LPR, Motion, Tampering, Audio, Alarm, Network
Control interface	RS-485, Half-Duplex, support MLP2, Pelco D/P protocols
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Network Interface/Ethernet	10/100/1000 Mbps Base-T (Tx), RJ-45
ePTZ & Digital Zoom	Yes, ROI (Region of Interest) is supported

Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, SIP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Video Display	LILIN Universal ActiveX & HTML5
SDK	ANPR SDK to download the database, delete lists, and to extract snapshots
Number Plate Lists	Log List: 1000, Denial List: 100, Allowed List: 2000 , Visitor List: 2000, LPR Snapshot: 100 / Each license can have individual schedule and trigger specific events. / Holiday list is supported in schedule./ Effective-hours(start time and end time) are adjustable./ Detect level is adjustable (Very weak to strong)