



Full Bodied 60fps 1080P IP Camera



Features

- Infrared-cut filter for day/night operations
- 60 frames per second – ultra fast frame rate
- Micro SD/SDHC/SDXC card recording supported
- Intelligent Video Surveillance analytics built-in
- 1080p resolution
- LPR – license Plate Recognition
- RS-485 supported
- Digital I/O : 1 in, 1 out

Description

Viewing Objects to Ensure Pictures are Kept Sharp

LILIN S Series camera – SG1122LPR is best-in-class IP camera, designed for a variety of applications. From LILIN's powerful latest technology, the S Series cameras have an ultra fast frame rate of 60 frames per second at Full HD 1080P resolution, this results in crystal clear images. SG1122LPR camera is built-in with IR-

cut filter able to capture fast moving objects during daytime and nighttime.

Specifications

Model	SG1122LPR
Detection speed	Under 20KM/h, for parking lot use.
Countries (Numeric Plate)	EU, UK, Ukraine, Russia and Taiwan (green and red license plates' recognition rates are 70%), 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, Taiwan, Turkey, Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Latvia, Lithuania, Moldova, Russian Federation, Turkmenistan, Ukraine, Uzbekistan / The number of characters on a plate must be at least three to be supported, characters must be A~Z and 0~9.
Numeric Plate Group	Log List: 1000, Denial List: 100, Allowed List: 1000 , Visitor List: 1000, 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)
Type(Events)	Trigger by each license, DO, HTTP Push, App Push, FTP, email

SDK	ANPR SDK to download the database, delete lists, and to extract snapshots
Database	Denial and allowed lists can be imported and exported in CSV format. / Built-in storage as a standalone device, operates without a computer.
Image Sensor/Sensor type	1/2.86-inch MOS
Effective pixels	1952 x 1266
Video Compression	H.264 (main & high profile); M-JPEG
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)
Frame Rates	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
Auto Focus	One Push
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
Scanning System	Progressive scan
IR cut filter	Colour (Day), Monochrome (Night), Auto, Schedule
Min. illumination/Low Light Mode (Colour)	0.04 Lux at F1.2 (Color);0.01 Lux at F1.2 (B/W)
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom
Back Light Compensation (BLC)	On / Off
Shutter Time	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
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)
Other functions	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction
Live video	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio Input / Output	Mono, 1.4 Vp-p, 50 K Ω , 3.5mm phone jack
Defog	Support
Encryption	Base64 HTTP encryption, HTTPS encryption, Digest HTTP authentication, RTSP Authentication
Access	Multiple user access levels with password protection
User accounts	10 users account available
IP address filter	IP address filter, MAC address filter
Multi IP address	Yes
Users	10 simultaneous users
ePTZ & Digital Zoom	Yes, ROI (Region of Interest) is supported
OSD (On-Screen Display)	Text overlay for date, time and camera name
IVS (Intelligent Video Surveillance)	Motion detection, Tampering detection, Audio detection, Tripwire, Object counting, Traffic light detection
Alarm event triggers	Smart Event, IVS, LPR, Motion, Tampering, Audio, Alarm, Network
Alarm event actions	FTP, SMTP, SD card, SAMBA, Alarm output, HTTP POST, SNMP Trap
CPU	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3,256MB flash memory
Firmware	Firmware update via HTTP and IP Scan ; Firmware available at web site
Network Interface/Ethernet	10/100/1000Mbps Base-T, RT-45
Control interface	RS-485, Half-Duplex, support MLP2, Pelco D/P protocols

OS requirement	Windows 7, Windows 8, Windows 10
Web browser	Microsoft® Internet Explorer® 9.0 and later
CPU requirement	Intel Core i5 or higher grade
RAM requirement	4GB or above, Independent Display Card
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
Mobile phone	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
Video Display	LILIN Universal ActiveX & HTML5
OS	Embedded Linux 3.8.8
Audio	2-way audio , G.711 / PCM / AAC
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact – N.O., Load max. 40VDC/300mA) , Terminal connector
Lens	Optional: 60mm / 100mm
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
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Operating temperature	-25℃~50℃ (-13℃~122℉)
Dimensions	70 x 50 x 135mm
Weight	420g approx.

Power Supply	DC12V \pm 10% , Power over Ethernet (IEEE 802.3af compliant)
PoE	IEEE 802.3 af
Power Consumption	DC12V, 7.2W / PoE, 8W
