



1080P Day & Night IP Box 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

Description

Viewing Objects to Ensure Pictures are Kept Sharp

LILIN S Series camera – SG1122 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. SG1122 camera is built-in with IR-cut filter able to capture fast moving objects during daytime and nighttime.

Specifications

Model	SG1122E
Pick Up Element	1/2.86-inch MOS
Effective pixels	1952 (H) × 1266 (V) = 2,471,232 (pixels)
Video Compression	H.264 (main & high profile); M-JPEG
Resolution	1080P(1920×1080) , 720p(1280 x 720) , D1(720 x 480) , CIF(352 x 240)
Frame Rates	Dual-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
Video streaming	RTP / HTTP, RTP / TCP, RTP / UPP, Multicast Multiple configurable streams in H.264 and M-JPEG, configurable frame rate and bandwidth
Video bitrate	128Kbps to 12Mbps Frame rate and bitrate controllable on-the-fly VBR / CBR / GOP supported
Scanning System	Progressive Scan
Infrared Cut Filter	Colour (Day), Monochrome (Night), Auto, Schedule, External control
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 / Outdoor2
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	54 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 120 dB by HDR mode, 2 shutter line interleave
Privacy Masking	Four independent areas
Other functions	Sharpness, Image flip, Image mirror, Defog, Hue
Live Video Output	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio Input / Output	Mono, 1.4 Vp-p , 50 K Ω , 3.5mm phone jack
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
Max number of online users	10 users accounts available
IP address filter	Yes
Multi IP address	Yes
User accounts	8 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, Tamper detection, Zone Entering, Direction detection, Zone crossing
Alarm event triggers	Tampering / audio / motion /alarm detection triggering recording into SD card Image upload over FTP and E-mail by tampering / audio / motion detection
Alarm event actions	Yes
CPU	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3,256MB flash memory
Firmware	Firmware upgrade via HTTP
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 2000, Windows XP, Windows Vista, Windows 7, Windows 8
Web browser	Microsoft® Internet Explorer® 6.0 and later
CPU requirement	Intel Core 2 Duo E6400 2.13GHz or above
RAM requirement	2GB or above, Independent Display Card

Protocols	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour
Mobile phone	Integrated to LILIN mobile app (LILINViewer) ; iPhone, iPad, Android support
Video Management	ONVIF Profile S ; LILIN NAV 1.0 ; Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 3.8.0
Audio	Two-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone
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)
CE	Yes, EMI CLASS A
FCC	Yes, EMI CLASS A
Operating temperature	-25° to 50° (-13° to 122°)
Dimensions	70mm(W) × 50mm(H) × 135mm(D)
Weight	420g approx.
Power Supply	DC12V±10%□Power over Ethernet (IEEE 802.3af compliant)
PoE	PoE
Power Consumption	DC12V, 7.2W / PoE, 8W