LILIN

SG1122
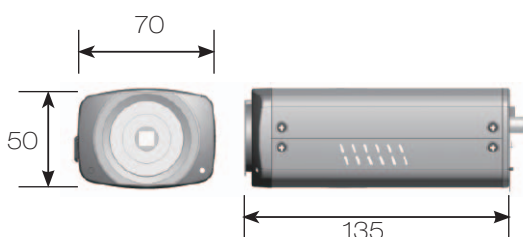### DAY & NIGHT 1080P 60 FPS HD IP CAMERA

LILIN S Series cameras – SG1122 is best-in-class IP camera, designed for a variety indoor applications. From LILIN's powerful latest technology, the S Series cameras have an ultra fast frame rate of 60 FPS at 2 megapixel 1080P resolution, this results in crystal clear images. SG1122 camera is incorporated with a progressive scan MOS sensor with 0.01 lux at F1.2 low light mode capability, S Series cameras are able to capture fast moving objects during daytime and nighttime. The S Series cameras support high performance H.264 and Motion JPEG compression technology, and offers smooth video quality up to 60 FPS at 60 FPS at 1080P. Using 60 FPS at 2 megapixel 1080P resolution, can be particularly beneficial when viewing moving objects to ensure pictures are kept sharp.
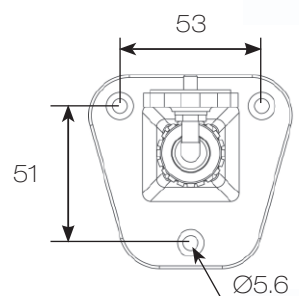
FEATURES :

- Full HD 2.0 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)
- HDR function up to 120dB
- Defog function
- Digital PTZ supported
- Tampering / Audio / Motion detection alarm function
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported
- RS-485 supported

DIMENSIONS : (Unit : mm)

70mm x 50mm x 135mm (W x H x D)

INSTALLATION HOLE SITE DIAGRAM :

www.meritlilin.com

Creativity
Progress &
Excellence

SPECIFICATION :

Name	Day & Night 1080P 60 FPS HD IP Camera
Model	SG1122E
Pick Up Element	1/2.86" MOS image sensor
Effective Pixels	1952 (H) x 1266 (V) = 2,471,232 (pixels)
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono) / External control
Min. Illumination	0.01 Lux at F1.2 (Low Light Mode)
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back light compensation	Off / On
Electronic Shutter	1/30(1/25)s – 1/30000s
Sense up	Off / 1 Frame / 2 Frames
Sense up +	Yes
Auto gain control	54 dB Variable Gain
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)
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, Defog
Live Video Output	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio In / Output	Mono, 1.4 Vp-p , 50 KΩ , 3.5mm phone jack
Operating Temperature	-25°C – +50°C (-13°F – 122°F)
Dimension	70mm(W) x 50mm(H) x 135mm(D)
Weight	420g
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 7.2W / PoE, 8W

Network	
Video compression	H.264 Main and High Profile , Motion JPEG
Resolutions	1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)
Frame Rate	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 protocol	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate	128Kbps – 12Mbps
	Frame rate and bit rate controllable on-the-fly
	VBR / CBR / GOP supported
Security	Base64 HTTP encryption
	Multiple user access levels with password protection
	10 user accounts available
Users	8 simultaneous users
ePTZ & Digital zoom	Yes, ROI is supported
OSD	Text overlay for date, time, and camera name
Alarm function	Alarm / motion / tampering / audio detection triggering recording into SD card
	Image upload over HTTP, FTP, and E-mail by tampering / audio / motion detection
CPU, memory	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory
Maintenance	Firmware update via HTTP
	Firmware available at web site
Network Interface	10/100/1000 Mbps Base-T, RJ-45
PC requirement	OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8
	Browser : Windows Internet Explorer 6.0 or above
	CPU : Intel Core 2 Duo E6400 2.13GHz or above
	RAM : 2GB or above, Independent Display Card
Network 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 and PDA	iPhone, iPad, and Android support
System Integration	ONVIF & LILIN HTTP API
Central management system	NAV 1.0 support
Video display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 3.8.0
Two-way audio	G.711 / PCM
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)
Control Interface	RS-485 , Half-Duplex , support MLP2 , Pelco D/P protocols