



1080P Day & Night Fixed IR IP Bullet Camera



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 / Motion detection alarm function
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable)
- ONVIF Profile S supported

Description

LILIN S Series cameras – SR7022 is best-in-class IP camera, designed for a variety of outdoor and 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. Its IP66-rated housing protects the SR7022 camera body against dust and rain. IP66 rating ensures operation under harsh weather conditions. Cameras are incorporated with a progressive scan MOS sensor with 0.03 lux at F1.6 low light

mode capability, S Series camera – SR7022 is 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 1080P. Using 60 FPS at 2 megapixel 1080P resolution, can be particularly beneficial when viewing moving objects to ensure pictures are kept sharp.

Specifications

Model	SR7022E4
Pick Up Element	1/2.86-inch MOS
Effective pixels	1952 x 1266
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
Lens	4mm
Iris	F1.6
Angle of View	84°(H), 42.5°(V), 100.6°(D)
Max IR distance	30m
Infrared LED Angle	30.6°
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
Peak wavelength	850nm, high efficiency array
Window / Glass Thickness	Ø65 Heat Resistant Glass
Scanning System	Progressive scan
Infrared Cut Filter	Colour (Day), Monochrome (Night), Auto, Schedule

Min. illumination/Low Light Mode (Colour)	0.07 Lux at F1.6 (Color);0.03 Lux at F1.6 (B/W) , 0 Lux with IR LED ON
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+	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
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
IVS Advanced 2.0	Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection, Object Counting
IVS Advanced 2.1 (Optional)	Unattended Object Detection, Missing Object Detection, Crowd Detection, Loitering Detection, Face Detection
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 / 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
CE	Yes, EMI CLASS A
FCC	Yes, EMI CLASS A
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
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
IP Rating	IP66 waterproof
Operating temperature	-40□ to 50□ (-40□ to 122□)
Dimensions	82mm(W) × 72.5mm(H) × 154mm(D), Bracket :101mm(L)
Weight	600g approx.
Power Supply	DC12V ±10% □Power over Ethernet (IEEE 802.3af compliant)
PoE	IEEE802.3af
Power Consumption	DC12V, 10W / PoE, 11W

