

SR7022 Day & Night 60fps HD IP Camera

www.meritlilin.com



- ▶ Outdoor IP bullet camera
- ▶ 60 frames per second – ultra fast frame rate
- ▶ IP66 rain and dust resistant
- ▶ 1080p resolution
- ▶ 3-year warranty and support

Dimensions:

82(W) x 72.5(H)x 154(D) mm; Bracket: 101(L) mm

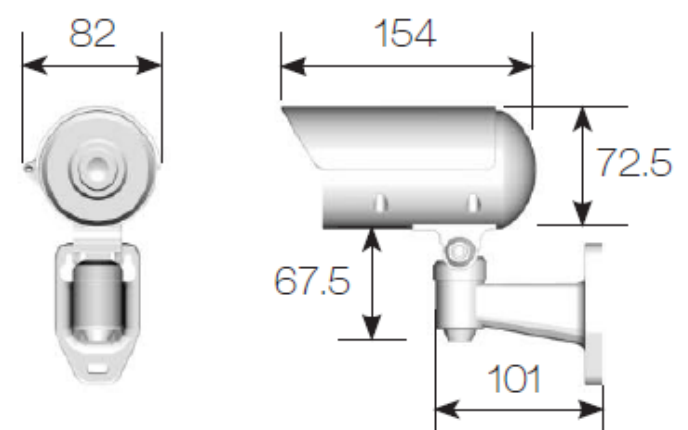
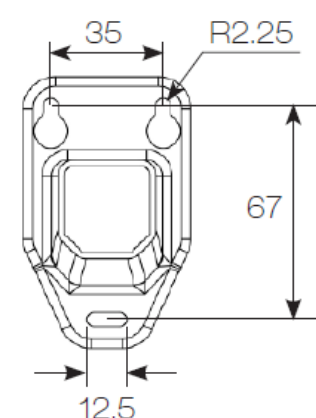


Diagram of mounting holes:

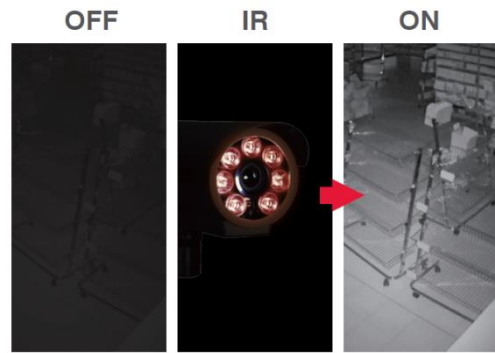


Viewing Objects to Ensure Pictures are Kept Sharp

LILIN S series camera – SR7022 is best-in-class IP camera has an ultra fast frame rate of 60 frames per second at 1080P Full HD resolution, this results in crystal clear images. Its IP66 rated housing protects the camera body against dust and rain, designed for a variety of outdoor applications. IP66 rating ensures operation under harsh weather conditions. SR7022 camera with 60 frame rate and IR infrared LED illuminator is able to capture fast moving objects during both daytime and nighttime

Built-in IR Illumination

SR7022 IP camera with infrared (IR) illumination where IR LEDs are built-in. Built-in with IR LED, the camera provides night vision up to 30 metres



ONVIF-compliant

Open Network Video Interface Forum (ONVIF) is a standard for physical IP based security products. SR7022 camera is ONVIF Profile S conformant



SD Cards in Sync with NAV Software

SR7022 camera with built-in Micro SD/SDHC/SDXC card slots can provide redundant video viewing and recording. You can synchronize an SD card with LILIN VMS (Video Management Software) – Navigator (NAV)



Wind and Rain Standards

Meet international IP66 standards for dust and moisture resistant allowing you to install cameras in environments subject to wind and rain



3D Noise Reduction

Remove noise from a signal. Suppressing noise in an image in low light conditions and able to retain quality videos at the same time



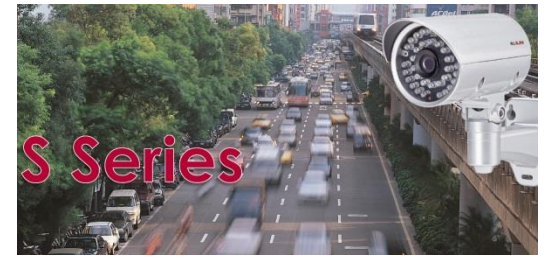
Motion Detection

Detect motion and capture the event. Motion in the selected area will provoke an alert.



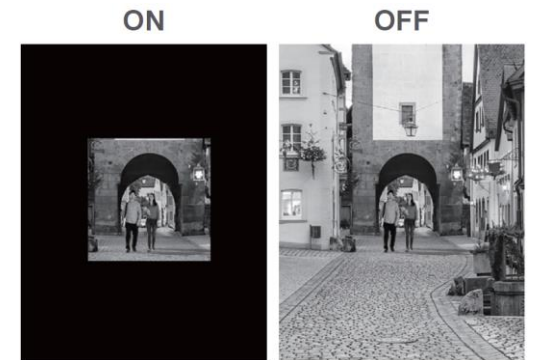
60 frames per second

60fps high frame rate ensure quick movements can be captured in more details, which is great for the most demanding surveillance requirements; i.e. railway system, freeway traffic, casino applications, and banking industry



Region of Interest (ROI)

A Region of Interest (ROI) is a specified part of an image that is highlighted from a camera. This feature is great for highlighting areas such as doors or areas of access where an overall scene is still required



Sense Up+

Deliver outstanding video outputs in poor light conditions without experiencing motion blur. You can see video clearly even during nighttime without sufficient lighting support



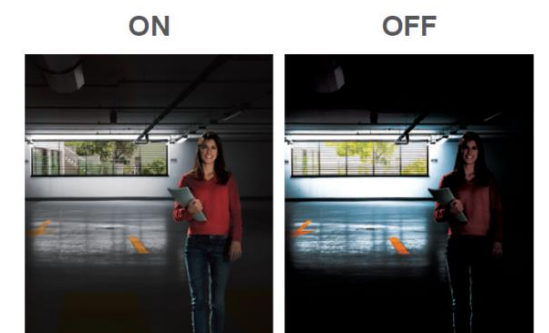
Video Security App

Available on Android and iOS – LILINViewer app provides security alarm push notification, real-time live viewing, and remote video playback



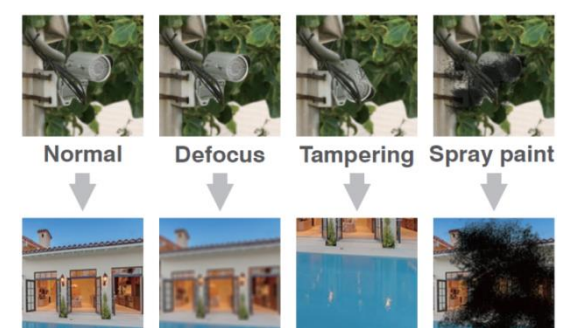
High Dynamic Range

An High Dynamic Range (HDR) image is made by taking 3 frames of the same scene and each at different shutter speeds to display details of both the darkest and brightest areas. HDR can extend image visibility under high contrast lighting scenes and improve image quality



Tamper Detection

Automatically detects camera sabotage or failure. Detects any attempts to tamper with the camera – partially or completely blocking its lens or field of view



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Video performance

Model#	SR7022E4	SR7022E6
Low Light Mode (Colour)	0.03 lux at F1.6	0.05 lux at F1.8
With Infrared	0.0 lux	
2D WDR	Off / Auto / x2 / x3/ x4 (by normal mode)	
High Dynamic Range	Up to 120 dB by HDR mode, 2 shutter line interleave	

Power

Power consumption	DC12V, 10W / PoE, 11W	
PoE	IEEE802.3af	
Power supply	DC12V ±10% Power over Ethernet (IEEE 802.3af compliant)	

Sensor

Sensor type	1/2.86-inch MOS	
Total sensor pixels	1952 x 1266	

Certifications

CE	EN55022: 2010 Class A IEC 61000-3-2: 2005+A1: 2008+A2: 2009 IEC 61000-3-3:2013	
FCC	Part 15: Subpart B (Class A)	
IP Rating	IP66 waterproof	

Lens

Model#	SR7022E4	SR7022E6	
Focal length	4mm	6mm	
Iris	F1.6	F1.8	
Angle of View	H	84°	57.6°
	V	42.5°	31.4°
	D	100.6°	67.3°

Night vision (infrared LED)

Distance	30m
Peak wavelength	850nm, high efficiency array
Beam spread	30.6°

Environmental

Operating temperature	-40°C to 50°C (-40°F to 122°F)
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PC requirement

OS	Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8
CPU	Intel Core 2 Duo E6400 2.13GHz or above
RAM	2GB or above, Independent Display Card

Mechanical

Dimensions (W x H x D)	82 x 72.5 x 154mm
Bracket (L)	101mm
Weight	600g approx.
Window	Ø65 Heat Resistant Glass

Video streaming

Video compression	H.264 (main & high profile); M-JPEG
Streaming	RTP / HTTP, RTP / TCP, RTP / UPP, Multicast Multiple configurable streams in H.264 and M-JPEG, configurable frame rate and bandwidth
Bitrate	128Kbps to 12Mbps Frame rate and bitrate controllable on-the-fly VBR / CBR / GOP supported

Video resolution (H x V)

1080p HD	1920 x 1080	
720p HD	1280 x 720	
D1	720 x 480	
CIF	352 x 240	
Multiple profile	Profile #1	Dual-stream mode, H.264 : up to 60 FPS @ 1920 x 1080, Motion JPEG : up to 30 FPS @ 720 x 480
	Profile #2	HDR mode, H.264 : up to 30 FPS @ 1920 x 1080, Motion JPEG : up to 30 FPS @ 720 x 480

Video functions

Day/Night (IR-cut filter)	Colour (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Adjustable picture setting	Contrast, Brightness, Saturation
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Shutter	1/25(30)s to 1/30000s
Back light compensation	On / Off
3D noise reduction	Off / 1 to 32 selectable
Privacy masking	Four independent areas
Sense Up+	Yes
Auto gain control	54 dB variable gain
Other functions	Sharpness, Image flip, Image mirror, Defog, Hue

Integration

Mobile application	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
SD card recording	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
Web browser	Microsoft® Internet Explorer® 6.0 and later
Firmware	Firmware upgrade via HTTP
Alarm functions	Motion / tampering detection triggering recording into SD card Image upload over FTP and E-mail by tampering / motion detection

Network

Ethernet	10/100/1000Mbps Base-T, RT-45
Connectivity	ONVIF Profile S
Users	8 simultaneous users
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
ePTZ & digital zoom	Yes, ROI (Region of Interest) is supported
OSD	Text overlay for date, time and camera name
CPU, Memory	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory
Video display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 3.8.0

Network security

User accounts	10 users accounts available
Access	Multiple user access levels with password protection
Encryption	Base 64 HTTP encryption