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## 1080P Day & Night Vari-Focal IR IP Dome Camera



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### Features

- Full HD 2.0 Megapixel CMOS image sensor
- 1080P@60fps
- 3D noise reduction (MCTF)
- 2D WDR function
- HDR function up to 120dB
- Defog function
- Digital PTZ supported
- IVS supported
- Tampering detection / audio detection / motion detection alarm function
- High efficiency IR LED, radiant distance up to 30m
- Smart IR supported
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O: 1 in, 1 out
- ONVIF Profile S supported

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### Description

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## An Ideal Indoor Camera for Low-Light Conditions

SR2922EX3 is an indoor IP camera ideal for low-light conditions. The SR2922EX3 camera owns full HD 2.0 Megapixel CMOS image sensor, delivering an ultra fast frame rate of 60 FPS at 1080P resolution. This secures that the images are crystal clear. In combination of HDR, 3D noise reduction, intelligent image signal processing, and the built-in Sense-up+ technology, SR2922EX3 delivers excellent image under low-light conditions without any motion blur. The embedded ROI function allows you to select the specific area based on your request, providing clear and detailed images which feed your needs.

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## Specifications

Model	SR2922EX3
Pick Up Element	1/2.86" MOS image sensor
Effective pixels	1952 (H) x 1266 (V) = 2,471,232 pixels
Video Compression	H.264 Main and High Profile, Motion JPEG
Resolution	1080P(1920 x 1080) , 1280x960 (1280x960), 720P (1280 x 720) , D1(720 x 480, 720 x 576) , VGA(640 x 480) , CIF (352 X 240)
Frame Rates	(Dual-stream mode) H.264: up to 60 fps @ 1920 x 1080, Motion JPEG: up to 60fps @ 1920 x 1080 / (HDR mode) H.264: up to 30 fps @ 1920 x 1080, Motion JPEG: up to 30fps @ 1920 x 1080
Lens	2.8 – 12 mm
Iris	F1.4
Angle of View	(H): 91.2° (W) – 25.5° (T) , (V): 46.4° (W) – 20.2° (T) , (D): 99° (W) – 40.8° (T)
Max IR distance	30m
Infrared LED Angle	60°, 90°
Smart IR	Off / On
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast

Video bitrate	128Kbps – 12Mbps ; Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported, Fixed bitrate
Peak wavelength	850nm
Scanning System	Progressive scan
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)
Min. illumination/Low Light Mode (Colour)	Color: 0.06 Lux at F1.4 , B/W: 0.02 Lux at F1.4 , With Infrared LED 0 Lux
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 120dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 zones)
Other functions	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Defog
Live Video Output	CVBS 1.0Vp-p, 75 ohm, connector
Audio Input / Output	Mono, 1.98 Vp-p, 2.2KΩ, Terminal Block
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
Max number of online users	10 user accounts available
User accounts	10 simultaneous users
ePTZ & Digital Zoom	Yes, ROI is supported
OSD (On-Screen Display)	Text overly for date, time, and camera name
IVS (Intelligent Video Surveillance)	Motion detection, Tamper detection, Zone Entering, Direction detection, Zone crossing

Alarm event triggers	Motion/Tamper/Audio/Alarm/Network lost detection
Alarm event actions	FTP, HTTP post, SD card, SAMBA
CE	Yes, EMI CLASS A
FCC	Yes, EMI CLASS A
CPU	Embedded SoC, 1.2GHz Dual ARM Cortex-A9, 1GB DDR3L, 256MB flash memory
Firmware	Firmware upgrade via HTTP, and IP Scan Firmware available at web site
Network Interface/Ethernet	10Base-T/100Base-TX/1000Base-T, RJ-45
OS requirement	Windows 7, Windows 8, Windows 10
Web browser	Microsoft® Internet Explorer® 10 and later
CPU requirement	Intel i3 or above
RAM requirement	4GB or above, Dedicated Graphics 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 (LILIN Viewer) iPhone, iPad, Android support
Video Management	ONVIF Profile S ; LILIN Navigator Enterprise 2.0 Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX, LILIN Java Applet & HTML5
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
OS	Embedded Linux 3.8.0
Audio	Two-way Audio, G.711 u-law / PCM / AAC, External Microphone Required
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)

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Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA), Terminal Block
Operating temperature	-25°C – +50°C (-13°F – 122°F)
Dimensions	Φ120 x 106mm
Weight	560g
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 9W / PoE, 10.5W

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