



1080P HD Dome IP 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 / Audio / Motion detection alarm function
- Built-in highly sensitive microphone
- One-way audio supported
- ONVIF supported

Description

LILIN S Series cameras – SD2222 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. SD2222 camera is incorporated with a progressive scan MOS sensor with 0.1 lux at F1.6 capability, S Series cameras are able to capture fast moving objects during daytime. 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	SD2222E4
Image Sensor/Sensor type	1/2.86" MOS
Max. Image Pixels/ Total sensor pixels/ Effective Pixels	1952 x 1266
Video Compression	H.264 (main & high profile); M-JPEG
Megapixels	1080P(1920 × 1080), 720P(1280 × 720), D1(720 × 480), CIF(352 × 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/Focal length	4mm
Iris	F1.6
Angle of View	84.8°(H), 45.2°(V), 100.5°(D)
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
Min. illumination/Low Light Mode (Colour)	0.07 lux at F1.6
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	On / Off
Shutter Time	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
D/N quality setting	Yes
Adjustable picture setting	Contrast, Brightness, Saturation
Other functions	Sharpness, Image flip, Image mirror, Defog, Hue
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 users accounts available
IP address filter	Yes
Multi IP address	Yes
Users	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 detection
Alarm event actions	Yes
Alarm weighted mode	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	EN 55022: 2010 Class A / IEC 61000-3-2: 2005+A1: 2008+A2: 2009 / IEC 61000-3-3: 2013
FCC	Part 15: Subpart B Class A / CISPR 22: 2008 Class A
Connectivity	ONVIF Profile S

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
RTSP Authentication	On / Off
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	One-way audio ; G.711 / PCM
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
Operating temperature	-25° to 50° (-13° to 122°)
Dimensions	Ø 105mm x 39mm
Weight	310g approx.
Power Supply	DC24V ±10% Power over Ethernet (IEEE 802.3af compliant)
PoE	PoE
Power Consumption	DC12V, 6W / PoE, 6.8W