![LILIN logo]

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 0.6 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.

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

DIMENSIONS : (Unit : mm)

Ø 105 x 39

Ø 105

39
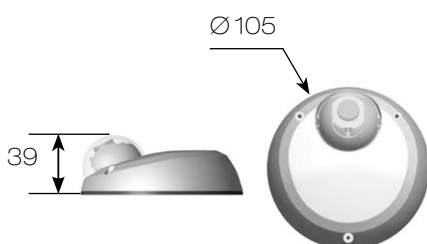
INSTALLATION HOLE SITE DIAGRAM :

124°

R 2.5

R 45.7

20°

Creativity Progress & Excellence

www.meritlilin.com
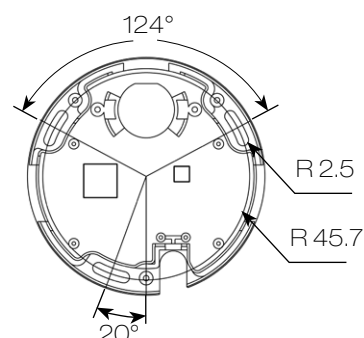
SPECIFICATION :

Name	1080P 60 FPS HD Dome IP Camera	
Model	SD2222E2	SD2222E4
Lens — Focal Length	2.8 mm	4 mm
Lens — Iris	F1.8	F1.6
Lens — Angle of View — H	105°	84.8°
Lens — Angle of View — V	87°	45.2°
Lens — Angle of View — D	135°	100.6°
Pick Up Element	1/2.86" MOS image sensor	
Effective Pixels	1952 (H) x 1266 (V) = 2,471,232 (pixels)	
Chip Size	5.346mm (H) x 3.336mm (V)	
Scanning System	Progressive Scan	
Min. Illumination	0.8 Lux at F1.8	0.6 Lux at F1.6
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2	
Back light compensation	Off / On	
Electrical 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	
Operating Temperature	-25°C – +50°C (-13°F – 122°F)	
Dimension	Ø105 x 39mm	
Weight	310g	
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)	
Power Consumption	DC12V, 6W / PoE, 6.8W	

Network	
Video compression	H.264 Main and High Profile , Motion JPEG
Resolution	1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)
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
Multiple profile — Profile #2	HDR mode, H.264 : up to 30 FPS @ 1920 x 1080 , Motion JPEG : up to 30 FPS @ 720 x 480
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate	128Kbps – 12Mbps
Video bitrate	Frame rate and bit rate controllable on-the-fly
Video bitrate	VBR / CBR / GOP supported
Security	Base64 HTTP encryption
Security	Multiple user access levels with password protection
Security	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	Motion / tampering / audio detection triggering recording into SD card
Alarm function	Image upload over 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
Maintenance	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
PC requirement	Browser : Windows Internet Explorer 6.0 or above
PC requirement	CPU : Intel Core 2 Duo E6400 2.13GHz or above
PC requirement	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
Mobile phone and PDA	iPhone, iPad, and Android support
System Integration	ONVIF & LILIN HTTP API
Central management system	CMX 3.6 / NAV 1.0 support
Video display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 3.8.0
One-way Audio	G.711 / PCM
SD card recording	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)