

L series | IP dome camera

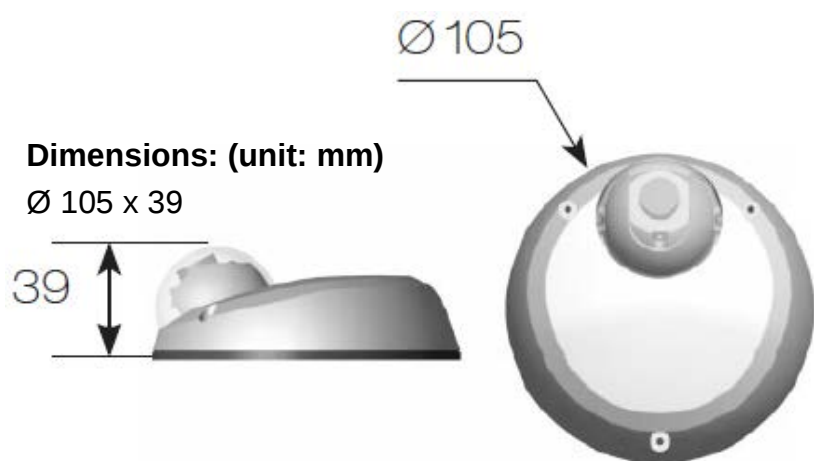
LD2222

1080P HD Microdome IP Camera

www.meritlilin.com



- ▶ Microdome IP camera
- ▶ One-way audio supported
- ▶ 1080p resolution
- ▶ Audio / Motion detection alarm function
- ▶ Built-in highly sensitive microphone

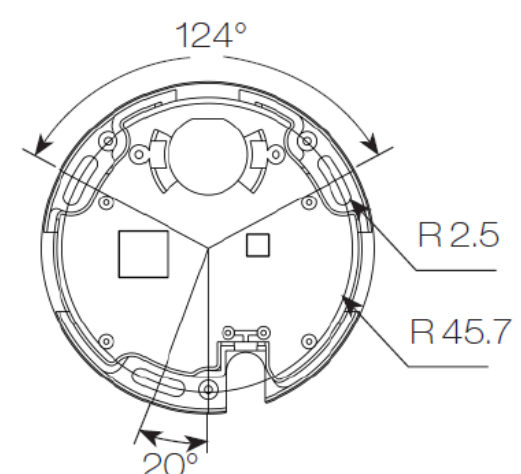


Dimensions: (unit: mm)

Ø 105 x 39

39

Diagram of mounting holes: unit in mm



Fixed dome LD2222 in the L series is featuring built-in Sense up+ technology to deliver stunning video in low-light conditions. Utilizing intelligent image signal processing, 2D WDR function, AGC control, and 3D Noise Reduction, the combination successfully delivers the ultimate low-light image without motion blur. Support with PoE, privacy mask, White balance, and minimum illumination 0.4 Lux at F1.8 Low Light Mode or 0.2 Lux at F1.6 Low Light Mode.

Video Security App

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



ONVIF-compliant

Open Network Video Interface Forum (ONVIF) is a standard for physical IP based security products. LD2222 camera is ONVIF Profile S conformant



Privacy Masking

Privacy Masking is a feature used to protect personal privacy by concealing private areas in the camera's field of view. Doorways and house windows for example are not subject to surveillance



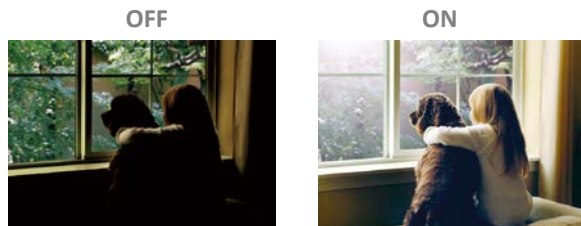
Sense Up+

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



Back Light Compensation

Back Light Compensation (BLC) adjusts the exposure of the entire image to properly expose the subject in the foreground. No matter if the main object is moving toward left, right, upper, lower, or any location in the screen, BLC provides perfect exposure for an object in front of strong back light



Motion Detection

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



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



Wide Dynamic Range (WDR)

Wide Dynamic Range (WDR) displays details of both the brightest and darkest areas. WDR can extend image visibility under high contrast lighting scenes and improve image quality



1080P HD Microdome IP Camera			
Video performance			
Model#		LD2222E2	LD2222E4
Low Light Mode (Color)		0.4 Lux at F1.8	0.2 Lux at F1.6
2D WDR		Off / Auto / x2 / x3 / x4	
Power			
Power consumption		DC12V, 4.5W / PoE, 5W	
PoE		IEEE 802.3af	
Power supply		DC12V ±10%	
		Power over Ethernet (IEEE 802.3af compliant)	
Sensor			
Sensor type		1/2.7" CMOS image sensor	
Total sensor pixels		1920 (H) x 1080 (V) = 2,073,600 pixels	
Lens			
Model#		LD2222E2	LD2222E4
Focal length		2.8mm	4mm
Iris		F1.8	F1.6
Angle of View	H	114°	84.8°
	V	64°	45.2°
	D	134°	100.6°
Environmental			
Operating temperature		-25°C - +50°C (-13°F -122°F)	
PC requirement			
CPU		Intel Pentium 4 1.8GHz or above	
OS		Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8	
RAM		1GB or above, Independent Display Card	
Mechanical			
Dimensions		Ø 105 x 39mm	
Weight		250g approx.	
Certifications			
CE		Yes, EMI CLASS A	
FCC		Yes, EMI CLASS A	
Video streaming			
Video compression		H.264, Motion JPEG	
Streaming		RTP/HTTP, RTP/TCP, RTP/UDP, Multicast Multiple configurable streams in H.264 and M-JPEG, configurable frame rate and bandwidth	
Bitrate		128Kbps - 8Mbps Frame rate and bitrate controllable on-the-fly VBR / CBR / GOP supported	
IP address filter		Yes	
RTSP Authentication		On / Off	
Warranty			
Warranty		3 Year(s)	

Video resolution (H x V)	
1080p HD	1920 x 1080
720p HD	1280 x 720
D1	720 x 480
CIF	352 x 240
Maximum frame rate	H.264: up to 15 fps @ 1920 x 1080, 30fps @ 1280 x 720, 30fps @ 720 x 480
	Motion JPEG: up to 15 fps @ 1920 x 1080, 30 fps @ 720 x 480, 30 fps @ 352 x 240

Video functions	
Scanning system	Progressive scan
Chip size	5.856mm (H) x 3.276mm (V)
Adjustable picture setting	Contrast, Brightness, Saturation
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Shutter	1/30(1/25)s to 1/8000s
Back light compensation	On / Off
3D noise reduction	Off / 1 to 32 selectable
Privacy masking	Four independent areas
Sense Up	Off / 1 frame / 2 frames / 3 frames / 7 frames
Sense Up+	Yes
Auto gain control	36 dB variable gain
Other functions	Sharpness, Image flip, Image mirror, Hue
D/N quality setting	Yes

Integration	
Mobile application	Integrated to LILIN mobile app (LILIN Pro) iPhone, iPad, Android support
Video management	ONVIF Profile S, LILIN Navigator Enterprise 5.0, Third party VMS through LILIN HTTP API
Web browser	Microsoft® Internet Explorer® 6.0 and later
Firmware	Firmware upgrade via HTTP
Alarm event triggers	Motion / Audio detection
Alarm event actions	FTP / SMTP / HTTP post / SD card / SAMBA / SNMP Trap / Push Service notification
Alarm weighted mode	Yes

Network	
Ethernet	10/100 Mbps Base-T (Tx), RJ-45
Connectivity	ONVIF Profile S
User accounts	8 simultaneous users
Digital zoom	Yes
OSD	Text overlay for date, time and camera name
CPU, Memory	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
Video display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 2.6.32
Audio	One-way Audio, G.711 u-law / PCM, Built-in Microphone
Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour
Multi IP address	Yes

Network security	
Max number of online users	10 user accounts available
Access	Multiple user access levels with password protection
Encryption	Base 64 HTTP encryption