LILIN

ZR2322X

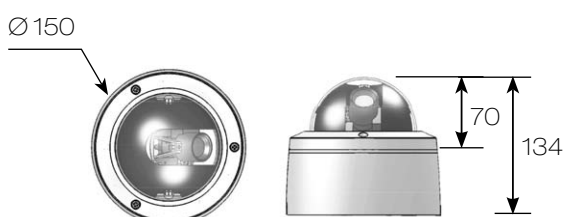### DAY & NIGHT 1080P HD AUTO FOCUS DOME IR IP CAMERA

ZR2322X is 1080P 2-megapixel CMOS image sensor, easy-to-install Auto Focus fixed dome, featuring embedded mount as well as ceiling mount installation in response to diverse array of environments for total situational awareness. Featuring high-efficiency IR-LEDs provide 25 meters of light. Also, ZR2322X is featuring Full HD resolution with superb image quality up to 30 FPS, are equipped with a removable IR-cut filter, built-in Intelligent Video Surveillance features such as face, tampering, audio, motion detection Alarm function, WDR enhancement for un-paralleled visibility in high contrast environments, Automatic Gain Control (AGC) form of amplification to produce usable images, and securing high video quality in providing accurate identification around the clock.
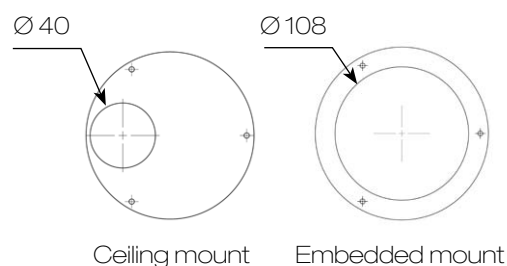
FEATURES :

- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- Auto focus with zoom / focus motorized Lens
- 3D Noise Reduction (MCTF) / 2D WDR function
- Digital PTZ supported
- Face / tampering / audio / motion / alarm detection
- Ceiling mount and Embedded mount installation
- High efficiency IR LED, Radiant distance up to 25m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported

DIMENSIONS : (Unit : mm)

⌀ 150 x 134

⌀ 150

70
134

INSTALLATION HOLE SITE DIAGRAM :

⌀ 40   ⌀ 108

Ceiling mount   Embedded mount

Creativity
Progress &
Excellence

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SPECIFICATION :

Name			Day & Night 1080P HD Auto Focus Dome IR IP Camera
Model			ZR2322EX3
Lens	Focal length		3 – 10.5 mm (zoom / focus motorized)
	Iris		F1.4
	Angle of view	H	91.2° – 25.5°
		V	68.4° – 19.1°
		D	114° – 31.9°
Pick up element			1/2.7" CMOS image sensor
Effective pixels			1920 (H) x 1080 (V) = 2,073,600 (pixel)
Chip size			5.856mm (H) x 3.276mm (V)
Scanning system			Progressive scan
Infrared cut filter			Auto / schedule / day (color) / night (mono)
Min. illumination			0.1 Lux at F1.4 (Low light mode) / 0 Lux with IR LED on
White balance			Auto / tungsten / indoor / fluorescents1 / fluorescents2 / outdoor1 / outdoor2
Back light compensation			Off / on
Electrical shutter			1/30s – 1/8000s
Sense up			Off / 1 frame / 2 frames / 3 frames / 7 frames
Sense up +			Yes
Auto gain control			36 dB variable gain
3D Noise Reduction			Off / 1 – 32 selectable
2D WDR			Off / on
Privacy masking			Off / on (4 zones)
Image effects			Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip
Auto focus			One push
Live Video output			CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio in / output			Mono, 1.4 Vp-p , 50 KΩ , 3.5mm phone jack
Infrared LED	Peak wavelength		850nm
	Beam spread		30°
	Radiant distance		25M
Operating temperature			-25°C – +50°C (-13°F – 122°F)
Dimension			Ø 150 x 134mm
Weight			640g
Power supply			DC12V ±10% / PoE (IEEE 802.3af compliant)
Power consumption			DC12V, 10W / PoE, 11.2W

Network		
Video compression		H.264 , Motion JPEG
Resolution		1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)
Multiple profile	Profile #1	H.264 : up to 30 FPS @ 1920 x 1080, MJPEG : up to 30 FPS @ 720 x 480
	Profile #2	H.264 : up to 30 FPS @ 1280 x 720, MJPEG : up to 30 FPS @ 352 x 240
	Profile #3	H.264 : up to 30 FPS @ 1920 x 1080, MJPEG : up to 30 FPS @ 1280 x 720
	Profile #4	H.264 : up to 30 FPS @ 720 x 480, MJPEG : up to 15 FPS @ 1920 x 1080
Video streaming		RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate		128Kbps – 5Mbps
		Frame rate and bit rate controllable on-the-fly
		VBR / CBR / GOP supported
Security		Base64 HTTP encryption
		Multiple user access levels with password protection
		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		Alarm / motion / tampering / face / alarm detection triggering recording into SD card
		Image upload over FTP and E-mail by face / tampering / audio / motion detection
CPU, memory		Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
Maintenance		Firmware update via HTTP
		Firmware available at web site
Network interface		10Mbps / 100Mbps Base-T, RJ-45
PC requirement		OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8
		Browser : Windows Internet Explorer 6.0 or above
		CPU : intel pentium 4 1.8GHz or above
		RAM : 1GB or above, independent display card
Network protocols		IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP
Mobile phone		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 2.6.32
Two-way audio		G.711 / PCM
SD card recording		Support Micro SD/SDHC card for circular recording (card is not included)
Alarm input / output		Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA)