



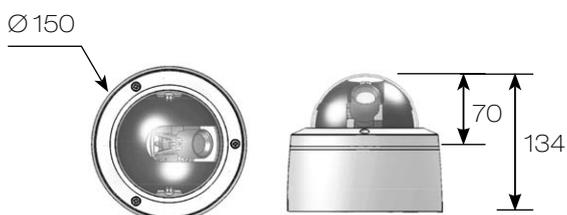
ZD2322X is 2-megapixel CMOS image sensor, easy-to-install Auto Focus fixed dome, featuring embedded mount as well as ceiling mount installation in response to diverse array of environments for total situational awareness. Also, ZD2322X is featuring Full HD resolution with superb image quality up to 30 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 :

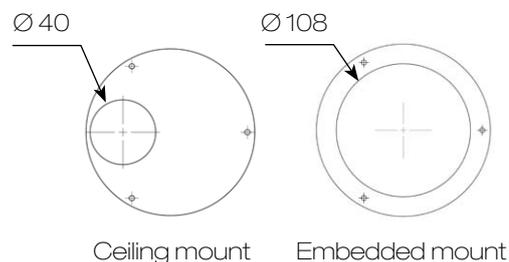
- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- Auto focus with zoom / focus motorized Lens
- 3D Noise Reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / tampering / audio / motion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

#### DIMENSIONS : (Unit : mm)

Ø150 x 134



#### INSTALLATION HOLE SITE DIAGRAM :



## SPECIFICATION :

Name		Day & Night 1080P HD Auto Focus Dome IP Camera	
Model		ZD2322EX3	
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)	
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	
Operating temperature		-25°C - +50°C (-13°F - 122°F)	
Dimension		Ø 150 x 134mm	
Weight		600g	
Power supply		DC12V ±10% / PoE (IEEE 802.3af compliant)	
Power consumption		DC12V, 8W / PoE, 9.5W	

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)	

