



# ZD2322X

**IMEGAPRO**

## Day & Night 1080P HD Auto Focus Dome IP Camera



### 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 detection alarm function
- 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 $\Phi 150 \times 134\text{mm}$



IP CAMERA SERIES				
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 Plus	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 K $\Omega$ , 3.5mm phone jack			
Operating Temperature	-25°C – +50°C (-13°F – 122°F)			
Dimension	$\Phi 150 \times 134\text{mm}$			
Weight	600g			
Power Supply	DC12V $\pm 10\%$ / 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 128Kbps – 5Mbps
Video Bitrate	Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported
Security	Base64 HTTP encryption Multiple user access levels with password protection
Users	10 user accounts available
ePTZ & Digital Zoom	8 simultaneous users
OSD	Yes, ROI is supported
Alarm Function	Text overlay for date, time, and camera name Alarm / motion / tampering / face 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, SNMP
Mobile phone	iPhone, iPad, and Android support
System Integration	ONVIF & LILIN HTTP API
CMX	CMX HD 3.6 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)