



Creativity Progress & Excellence

Network Product





ZD2322

Network Products _Z Series

IMEGAPRO

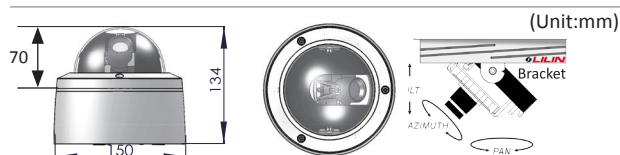
Day & Night 1080P HD Auto Focus Dome IP Camera



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		1/30(25)s – 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 Ω , 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
Video Bitrate		128Kbps – 5Mbps
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		Alarm / motion / tampering / face detection triggering recording into SD card
Alarm Function		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
Maintenance		Firmware available at web site
Network Interface		10Mbps / 100Mbps Base-T, RJ-45
PC Requirement		OS : Windows 2000, Windows XP, Windows Vista, Windows 7
PC Requirement		Browser : Windows Internet Explore 6, 7, 8
PC Requirement		CPU : Intel Pentium 4 1.8GHz or above
PC Requirement		RAM : 1GB or above, Independent Display Card
Network Protocols		IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTP, Telnet, ICMP, IGMP, ONVIF
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 – 5V) / 1 Output (N.O.)