



**Creativity Progress & Excellence**

Network Product





# IPD2322ESX

## Day & Night 1080P HD Vari-Focal 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
- 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
- Support Sense Up + and Quadruple Streaming technologies

### Dimensions $\Phi 150 \times 134\text{mm}$



IP CAMERA SERIES			
Day & Night 1080P HD Vari-Focal Dome IP Camera			
Model	IPD2322ESX3.6		
Lens	Focal Length	3.3 ~ 12 mm	
	Iris	F1.4	
	Angle of View	H	79.3° ~ 29.8°
		V	59.4° ~ 22.4°
D		99° ~ 37.3°	
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		
Electronic Shutter	1/30(25)s ~ 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		
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, 6W / PoE, 7.5W		

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	
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	
CPU, Memory	Image upload over FTP and E-mail by face / tampering / audio / motion detection	
	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory	
Maintenance	Firmware update via HTTP	
Network Interface	Firmware available at web site	
PC Requirement	10Mbps / 100Mbps Base-T, RJ-45	
	OS : Windows 2000, Windows XP, Windows Vista, Windows 7	
	Browser : Windows Internet Explorer 6, 7, 8	
Network Protocols	CPU : Intel Pentium 4 1.8GHz or above	
	RAM : 1GB or above, Independent Display Card	
Mobile Phone and PDA	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ONVIF, ICMP, IGMP	
System Integration	iPhone, iPad, and Android support	
CMX	ONVIF & LILIN HTTP API	
Video Display	CMX HD 3.6 support	
OS	LILIN Universal ActiveX & LILIN Java Applet	
Two-way Audio	Embedded Linux 2.6.32	
SD Card Recording	G.711 / PCM	
Alarm Input / Output	Support Micro SD/SDHC card for circular recording (card is not included)	
	Digital 1 input (TTL, +3 ~ 5V) / 1 Output (N.O.)	