



# NETWORK PRODUCTS

IPD112ESX

HD CMOS D/N Vari-Focal Dome IP Camera

 **LILIN.**



# IPD112ESX

Network Products  
CMOS Megapixel IP Camera

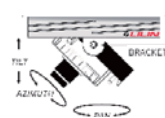
## HD CMOS D/N Vari-Focal Dome IP Camera



### Features

- HD 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
- 3-Axis camera construction
- Screw-on design dome cover for easy and secure installation
- Day and night function with mechanical IR cut filter
- DC 12V and PoE (IEEE 802.3af) supported
- 2-way audio supported
- Onvif supported
- Digital I/O : 1 in, 1 out
- BNC output

### Dimensions $\Phi 144 \times 86\text{mm}$



(Unit:mm)

IP CAMERA SERIES			
HD CMOS D/N Vari-Focal Dome IP Camera			
Model	IPD112ESX3		
Lens	Focal Length	3 ~ 9mm	
	Iris	F1.2	
	Angle of View	H	62.3° ~ 21.2°
		V	45.8° ~ 15.9°
D		79.7° ~ 26.5°	
Pick Up Element	1/4" Progressive scan CMOS sensor		
Effective Pixel	1280(H) x 800(V) = 1,024,000(pixel)		
Chip Size	3.88mm(H) x 2.43mm(V)		
Scanning System	Progressive Scan		
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)		
Min. Illumination	Color : 2 Lux at F1.2, Mono : 0.4 Lux at F1.2		
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2		
Back Light Compensation	Auto		
Electronic Shutter	1/30(25)S ~ 1/20,000S		
Live Video Output	CVBS 1.0Vp-p, 75 ohm		
Operating Temperature	-10°C ~ +40°C (14°F ~ 104°F)		
Dimension	$\Phi 144 \times 86\text{mm}$		
Weight	520g		
Power Input Voltage	DC12V $\pm 10\%$ / PoE (IEEE 802.3af compliant)		
Power Consumption	DC12V, 6W / PoE, 7.5W		

NETWORK	
Video Compression	H.264/AVC, Motion JPEG
Resolution	720P(1280 x 768) / VGA(640 x 384) / CIF(320 x 192)
Multiple profile	Stream 4 profiles : H.264 at 720P, JPEG at 720P, H.264 at VGA, JPEG at CIF
Frame Rate	H.264 : up to 20 fps at 720P, MJPEG : up to 10 fps at 720P
Video Streaming	RTSP : RTP/HTTP, RTP/TCP, RTP/UDP
Video Bitrate	128Kbps ~ 5Mbps
Security	Base64 HTTP encryption
	Multiple user access levels with password protection 10 user accounts available
Users	8 simultaneous users
Digital Zoom	Yes
Alarm/motion	Events triggered by built-in motion detection
	Alarm/motion triggering recording into SD card Image upload over FTP, e-mail by motion detection, and external alarm inputs
CPU, Memory	Embedded SoC ARM9, 500MHz, 64MB DDR, 8MB 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
	Browser : Windows Internet Explorer 5.0 or above
	CPU : Intel Pentium 4 1.8GHz or above RAM : 1GB or above, Independent Display Card
Network Protocols	IP, TCP, UDP, HTTP, SMTP, ESMTTP, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet
Mobile Phone and PDA	iPhone and Android support
System Integration	Onvif
CMX	Free CMX support
Video Display	LILIN Universal ActiveX / QuickTime
OS	Embedded Linux 2.4.19
Two-way audio	G.711 / PCM
SD Card recording	Support SD/SDHC card for circular recording (card is not included)
Alarm Input / Output	Digital 1 input (TTL, +3 ~ 5V) / 1 Output (N.O.)