



**Creativity Progress & Excellence**

Network Product





# IPD2122ES

## Day & Night 1080P HD 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 / Motion detection alarm function
- 3-Axis camera construction
- Screw-on design dome cover for easy and secure installation
- Day & Night (IR cut removable)
- ONVIF supported
- Support Sense Up + and Quadruple Streaming technologies

### Dimensions $\Phi 120 \times 102\text{mm}$



(Unit:mm)

IP CAMERA SERIES				
Day & Night 1080P HD Dome IP Camera				
Model	IPD2122ES4.3		IPD2122ES6	
Lens	Focal Length	4.3 mm	6 mm	
	Iris	F1.6	F1.8	
	Angle of View	H	70°	49.3°
		V	51°	35.9°
D		89°	64.5°	
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	0.15 Lux at F1.6 (Low Light Mode)	0.18 Lux at F1.8 (Low Light Mode)		
Auto Gain Control	36 dB Variable Gain			
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			
Operating Temperature	-25°C ~ +50°C (-13°F ~ 122°F)			
Dimension	$\Phi 120 \times 102\text{mm}$			
Weight	400g			
Power Supply	DC12V $\pm 10\%$ / PoE (IEEE 802.3af compliant)			
Power Consumption	DC12V, 5W / PoE, 6W			

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 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	Image upload over FTP and E-mail by face / tampering / 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
	Browser : Windows Internet Explorer 6, 7, 8
	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, ONVIF, ICMP, IGMP
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