



**Creativity Progress & Excellence**

Network Product





# IPR2122

**IMEGAPRO**

## Day & Night 1080P HD Dome IR 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
- High efficiency IR LED, radiant distance up to 16m
- Day & Night (IR cut removable)
- ONVIF supported

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



(Unit:mm)

IP CAMERA SERIES			
Day & Night 1080P HD Vari-Focal IR IP Camera			
Model	IPR2122ES4.3		IPR2122ES6
Lens	Focal Length	4.3 mm	6 mm
	Iris	F1.6	F1.8
	Angle of View	H	84.8°
V		45.2°	31.4°
D		100.6°	67.3°
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	0.15 Lux at F1.6	0.18 Lux at F1.8	
	(Low Light Mode) / 0 Lux with IR LED ON	(Low Light Mode) / 0 Lux with IR LED ON	
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		
Infrared LED	Peak Wavelength	850nm	
	Beam Spread	30°	
	Radiant Distance	16M	
Operating Temperature	-25°C – +50°C (-13°F – 122°F)		
Dimension	$\Phi 120 \times 102\text{mm}$		
Weight	450g		
Power Supply	DC12V $\pm 10\%$ / PoE (IEEE 802.3af compliant)		
Power Consumption	DC12V, 7.5W / PoE, 8.5W		

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	
	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 Functions	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	
Network Interface	Firmware available at web site	
PC Requirement	10Mbps / 100Mbps Base-T, RJ-45	
	OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8	
	Browser : Windows Internet Explorer 6.0 or above	
Network Protocols	CPU : Intel Pentium 4 1.8GHz or above	
	RAM : 1GB or above, Independent Display Card	
	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	