



Creativity Progress & Excellence

Network Product





IPR434X / IPR438X

IMEGAPRO

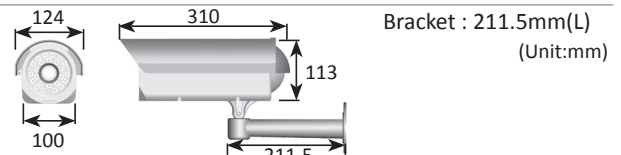
Day & Night 3MP HD Vari-Focal IR IP Camera



Features

- Full HD 3.27 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
- Cable managed housing and bracket
- High efficiency IR LED, radiant distance up to 55m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported

Dimensions Body : 124mm(W) x 113mm(H) x 310mm(D)



IP CAMERA SERIES				
Day & Night 3MP HD Vari-Focal IR IP Camera				
Model	IPR434ESX3.6		IPR438ESX3.6	
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	1/2.8" CMOS image sensor			
Effective Pixels	2096 (H) x 1561 (V) = 3,271,856 (pixel)			
Chip Size	7.96mm (H) x 7.61mm (V)			
Scanning System	Progressive Scan			
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)			
Min. Illumination	0.15 Lux at F1.4 (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 / Auto / x2 / x3 / x4			
Privacy Masking	Off / On (4 zones)			
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip			
Live Video Output	CVBS 1.0Vp-p, 75 ohm, BNC connector			
Audio In / Output	Mono, 1.4 Vp-p, 50 KΩ, Terminal connector			
IP Rating	IP66			
Window	Ø78 Heat Resistant Glass			
Infrared LED	Peak Wavelength	850nm		
	Beam Spread	30°		
	Radiant Distance	55M		
Operating Temperature	-40°C – +50°C (-40°F – 122°F)			
Dimension	124mm(W) x 113mm(H) x 310mm(D) Bracket : 211.5mm(L)			
Weight	2200g			
Power Supply	AC24V (±10%)		AC100 – 240V (±10%)	
	PoE+ (IEEE 802.3at compliant)			
Power Consumption	17W (PoE+, 20W)			

NETWORK		
Video Compression	H.264 , Motion JPEG	
Resolution	3MP(2048 x 1536), 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
	Profile #5	H.264 : up to 15 fps @ 2048 x 1536 , MJPEG : up to 15 fps @ 720 x 480
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 Base64 HTTP encryption	
Security	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	Alarm / motion / tampering / face detection triggering recording into SD card 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 Firmware available at web site	
Network Interface	10Mbps / 100Mbps Base-T, RJ-45	
PC Requirement	OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8	
	Browser : Windows Internet Explorer 6.0 or above CPU : Intel Pentium 4 1.8GHz or above RAM : 1GB or above, Independent Display Card	
Network Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTPC, 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	
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 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA)	