



IPR434X / IPR438X

DAY & NIGHT 3MP HD VARI-FOCAL IR IP CAMERA



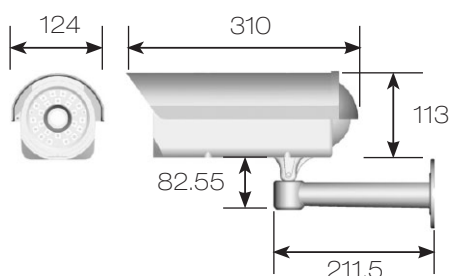
As with all Pro series cameras, the 3MP HD Vari-Focal IR IP Camera IPR434X/IPR438X incorporates Sense up+, a unique technology that successfully delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, AGC control, and 3D Noise Reduction, this model successfully delivers the ultimate low-light image without motion blur. The IPR434X/IPR438X is capable of producing four independent video streams, different streams can be set for different applications, depending on the individual user requirements. The IP66-rated housing is designed to help the camera body withstand rain and dust and ensures operation under a multitude of harsh weather conditions.

FEATURES :

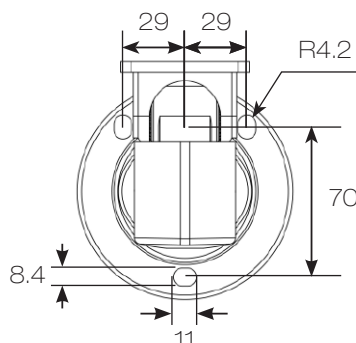
- Full HD 3.27 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- 3D Noise Reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / tampering / audio / motion / alarm detection
- Cable managed housing and bracket
- High efficiency IR LED, Radiant distance up to 70m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported

DIMENSIONS : (Unit : mm)

Body : 124 x 113 x 310 (W x H x D) Bracket : 211.5(L)



INSTALLATION HOLE SITE DIAGRAM :



SPECIFICATION :

Name			Day & Night 3MP HD Vari-focal IR IP Camera							
Model			IPR434ESX3.6		IPR438ESX3.6		IPR434ESX2.4		IPR438ESX2.4	
Lens	Focal length		3.3 – 12 mm				9 – 22 mm			
	Iris		F1.4				F1.4			
	Angle of view	H	79.3° – 29.8°				29.5° – 12.4°			
		V	59.4° – 22.4°				22° – 9.3°			
D		99° – 37.3°				36.9° – 15.5°				
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 +			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%)		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
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 function		Alarm / motion / tampering / face / alarm detection triggering recording into SD card
CPU, memory		Image upload over FTP and E-mail by face / tampering / audio / motion detection
Maintenance		Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
		Firmware update via HTTP
Network interface		Firmware available at web site
		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, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour
Mobile phone		iPhone, iPad, and Android support
System integration		ONVIF & LILIN HTTP API
Central management system		CMX 3.6 / NAV 1.0 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)

