



IPR7424X / IPR7428X

DAY & NIGHT 1080P HD VARI-FOCAL IR IP CAMERA



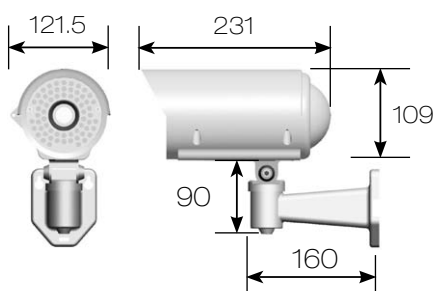
As with all Pro series cameras, the 1080P HD Vari-Focal IR IP Camera IPR7424X/IPR7428X incorporates Sense up+, a unique technology that successfully delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, AGC control, and 3D Noise Reduction, this model successfully delivers the ultimate low-light image without motion blur. The IPR7424X/IPR7428X 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 :

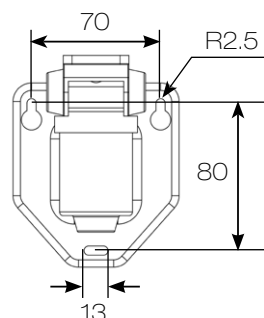
- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- 3D Noise Reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / tampering / audio / motion / alarm detection
- Cable managed housing and bracket
- High efficiency IR LED, Radiant distance up to 45m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported

DIMENSIONS : (Unit : mm)

Body : 121.5 x 109 x 231 (W x H x D) Bracket : 160(L)



INSTALLATION HOLE SITE DIAGRAM :



SPECIFICATION :

Name		Day & Night 1080P HD Vari-focal IR IP Camera			
Model		IPR7424ESX3.6	IPR7428ESX3.6	IPR7424ESX2.4	IPR7428ESX2.4
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		1/2.7" 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		0.1 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 / on			
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 K Ω , terminal connector			
IP rating		IP66			
Window		\varnothing 92 heat resistant glass			
Infrared LED	Peak wavelength		850nm		
	Beam spread		30°		
	Radiant distance		45M		
Operating temperature		-40°C – +50°C (-40°F – 122°F)			
Dimension		Body : 121.5mm(W) x 109mm(H) x 231mm(D) , Bracket : 160mm(L)			
Weight		1700g			
Power supply		AC24V (\pm 10%)	AC100 – 240V (\pm 10%)	AC24V (\pm 10%)	AC100 – 240V (\pm 10%)
		PoE+ (IEEE 802.3at compliant)			
Power consumption		14W (PoE+, 16W)			

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 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
Network interface		Firmware update via HTTP
		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
		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)

