



Creativity Progress & Excellence

Network Product





IPR414ESX / IPR418ESX

Day & Night 720P HD Vari-Focal IR IP Camera

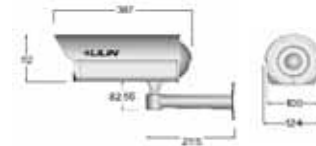


Features

- HD 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
- Cable managed housing and bracket
- High efficiency IR LED, radiant distance up to 40m
- IP66 weather rating
- Perfect solution for day/night applications
- AC 24V / AC 100~240V and PoE+ (IEEE 802.3at) supported
- 2-way audio supported
- Onvif supported
- Digital I/O : 1 in, 1 out
- Live video output (BNC)

Dimensions Body: 120mm(W) x 112mm(H) x 387mm(D)

Bracket: 211.5mm (L)
(Unit:mm)



IP CAMERA SERIES			
Day & Night 720P HD Vari-Focal IR IP Camera			
Model	IPR414ESX3	IPR418ESX3	
Lens	Focal Length	3 ~ 9mm	
	Iris	F1.2	
	Angle of View	H	62.3° ~ 21.2°
		V	45.8° ~ 15.9°
D		79.7° ~ 26.5°	
Pick Up Element	1/4" Progressive scan CMOS sensor		
Effective Pixel	1280(H) x 800(V) = 1,024,000(pixel)		
Chip Size	3.88mm(H) x 2.43mm(V)		
Scanning System	Progressive Scan		
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)		
Min. Illumination	Color : 2 Lux at F1.2, Mono : 0.4 Lux at F1.2 / 0 Lux with IR		
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2		
Sense Up	Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames		
Back Light Compensation	Auto		
Electronic Shutter	1/30(25)S ~ 1/20,000S		
Live Video Output	CVBS 1.0Vp-p, 75 ohm		
IP Rating	IP66		
Window	Ø78 Heat Resistant Glass		
Infrared LED	Peak Wavelength	850nm	
	Beam Spread	30°	
	Radiant Distance	40M	
Operating Temperature	-35°C ~ +50°C (-31°F ~ 122°F)		
Dimension	Body : 120mm(W) x 112mm(H) x 387mm(D) / Bracket : 211.5mm(L)		
Weight	2200g		
Power Input Voltage	AC24V ±10%	AC100~240V ±10%	
	PoE+ (IEEE 802.3at compliant)		
Power Consumption	17W (PoE+, 20W)		

NETWORK	
Video Compression	H.264/AVC, Motion JPEG
Resolution	720P(1280 x 768) / VGA(640 x 384) / CIF(320 x 192)
Multiple profile	Stream 4 profiles : H.264 at 720P, JPEG at 720P, H.264 at VGA, JPEG at CIF
Frame Rate	H.264 : up to 20 fps at 720P, MJPEG : up to 10 fps at 720P
Video Streaming	RTSP : RTP/HTTP, RTP/TCP, RTP/UDP
Video Bitrate	128Kbps ~ 5Mbps
Security	Base64 HTTP encryption
	Multiple user access levels with password protection
	10 user accounts available
Users	8 simultaneous users
Digital Zoom	Yes
Alarm/motion	Events triggered by built-in motion detection
	Alarm/motion triggering recording into SD card
	Image upload over FTP, e-mail by motion detection, and external alarm inputs
CPU, Memory	Embedded SoC ARM9, 500MHz, 64MB DDR, 8MB 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 Explore 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, ESMT, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet
Mobile Phone and PDA	iPhone, iPad, and Android support
System Integration	Onvif
CMX	Support CMX HD 3.2 / 3.6
Video Display	LILIN Universal ActiveX
OS	Embedded Linux 2.4.19
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 ~ 5V) / 1 Output (N.O.)
Optional	Vari-Focal Lens 9~22mm