Creativity Progress & Excellence

Network Product

LILIN

IPR7424ESX / IPR7428ESX

Network Products
iMEGAPRO

Day & Night 1080P HD Vari-Focal IR IP Camera

Features

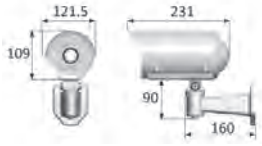
- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / Tampering / Audio / Motion detection alarm
- Cable managed housing and 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
- Support Sense Up + and Quadruple Streaming technologies

Dimensions

Body : 121.5mm(W) x 109mm(H) x 231mm(D)

Bracket : 160mm(L)

(Unit:mm)



IP CAMERA SERIES				
Day & Night 1080P HD Vari-Focal IR IP Camera				
Model			**IPR7424ESX3.6**	**IPR7428ESX3.6**
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			1/2.7" 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	
White Balance			Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2	
Back Light Compensation			Off / On	
Electronic Shutter			1/30(25)s ~ 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 KΩ , Terminal connector	
IP Rating			IP66	
Window			Ø92 Heat Resistant Glass	
Infrared LED	Peak Wavelength		850nm	
	Beam Spread		30°	
	Radiant Distance		45M	
Operating Temperature			-35°C ~ +50°C (-31°F ~ 122°F)	
Dimension			Body : 121.5mm(W) x 109mm(H) x 231mm(D) , Bracket : 160mm(L)	
Weight			1700g	
Power Supply			AC24V (±10%)	AC100~240V (±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 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
		Browser : Windows Internet Explorer 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, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ONVIF,ICMP, IGMP
Mobile Phone and PDA		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 ~ 5V) / 1 Output (N.O.)

Design and specifications are subject to change without notice.

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