



**Creativity Progress & Excellence**

Network Product





# LR7022

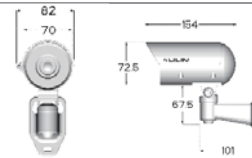
## Day & Night 1080P HD IR IP Camera



### Features

- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital zoom supported
- Motion detection alarm function
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable)
- ONVIF supported

### Dimensions



Body: 82mm(W) x 72.5mm(H) x 154mm(D)  
Bracket: 101mm(L)  
(Unit:mm)

IP CAMERA SERIES				
Day & Night 1080P HD IR IP Camera				
Model	LR7022E4	LR7022E6		
Lens	Focal Length	4 mm	6 mm	
	Iris	F1.6	F1.8	
	Angle of View	H	62.2°	43.6°
		V	37.4°	25.4°
D		69.2°	49.4°	
Pick Up Element	1/2.5" CMOS image sensor			
Effective Pixels	1920 (H) x 1080 (V) = 2,073,600 (pixel)			
Chip Size	5.70mm (H) x 4.28mm (V)			
Scanning System	Progressive Scan			
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)			
Min. illumination	0.4 Lux at F1.6 (Low Light Mode) / 0 Lux with IR	0.5 Lux at F1.8 (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 / x2 / x3 / x4			
Privacy Masking	Off / On (4 zones)			
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip			
IP Rating	IP66			
Window	Ø65 Heat Resistant Glass			
Window	Peak Wavelength	850nm		
	Beam Spread	30°		
	Radiant Distance	30M		
Operating Temperature	-35°C ~ +50°C (-31°F ~ 122°F)			
Dimension	Body : 82mm(W) x 72.5mm(H) x 154mm(D) / Bracket : 101mm(L)			
Weight	600g			
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)			
Power Consumption	DC12V, 10W / PoE, 11W			

NETWORK	
Video Compression	H.264 , Motion JPEG
Resolution	1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)
Maximum Frame Rate	H.264 : up to 15 fps @ 1920 x 1080 , 30fps @ 1280 x 720 , 30fps @ 720 x 480 Motion JPEG : up to 15 fps @ 1920 x 1080 , 30 fps @ 720 x 480 , 30 fps @ 352 x 240
Video Streaming Protocol	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
Digital Zoom	Yes
OSD	Text overlay for date, time, and camera name
Alarm Functions	Image upload over FTP and E-mail by 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	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