

SPECIFICATION :

Name		Day & Night 1080P 60 FPS HD IR IP Camera		
Model		SR7022E4	SR7022E6	
Lens	Focal length	4 mm	6 mm	
	Iris	F1.6	F1.8	
	Angle of view	H	84°	57.6°
		V	45.2°	31.4°
D		100.6°	67.3°	
Pick Up Element	1/2.86" MOS image sensor			
Effective Pixels	1952 (H) x 1266 (V) = 2,471,232 (pixels)			
Chip Size	5.346mm (H) x 3.336mm (V)			
Scanning System	Progressive Scan			
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)			
Min. Illumination	0.15 Lux at F1.6 (Low Light Mode) 0 Lux with IR LED ON	0.18 Lux at F1.8 (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	1/30(1/25)s - 1/30000s			
Sense up	Off / 1 Frame / 2 Frames			
Sense up +	Yes			
Auto gain control	54 dB Variable Gain			
3D Noise Reduction	Off / 1 - 32 Selectable			
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)			
High Dynamic Range	Up to 120dB (by HDR mode, 2 shutter line interleave)			
Privacy Masking	Off / On (4 zones)			
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Defog			
IP Rating	IP66			
Window	Ø65 Heat Resistant Glass			
Infrared LED	Peak wavelength	850nm		
	Beam spread	30°		
	Radiant distance	30M		
Operating Temperature	-40°C - +50°C (-40°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 Main and High Profile , Motion JPEG	
Resolution	1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)	
Multiple profile	Profile #1	Dual-stream mode, H.264 : up to 60 FPS @ 1920 x 1080, Motion JPEG : up to 30 FPS @ 720 x 480
	Profile #2	HDR mode, H.264 : up to 30 FPS @ 1920 x 1080 , Motion JPEG : up to 30 FPS @ 720 x 480
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast	
Video bitrate	128Kbps - 12Mbps	
	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 functions	Motion / tampering detection triggering recording into SD card	
	Image upload over FTP and E-mail by tampering / motion detection	
CPU, memory	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3,256MB flash memory	
Maintenance	Firmware update via HTTP	
	Firmware available at web site	
Network interface	10/100/1000 Mbps 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 Core 2 Duo E6400 2.13GHz or above	
	RAM : 2GB or above, Independent Display Card	
Network protocols	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP	
Mobile phone and PDA	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 3.8.0	
SD card recording	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)	