



Network Product





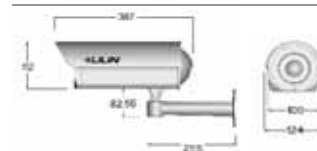
- Full HD 3.27 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / Tampering / Audio / Motion detection alarm function
- Cable managed 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 Plus and Quadruple Streaming technologies



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

Bracket: 211.5mm (L)

(Unit:mm)



Model				
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		1/2.8" CMOS image sensor		
Effective Pixels		2096 (H) x 1561 (V) = 3,271,856 (pixel)		
Chip Size		7.96mm (H) x 7.61mm (V)		
Scanning System		Progressive Scan		
Infrared Cut Filter		Auto / Schedule / Day (Color) / Night (Mono)		
Min. Illumination		0.15 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 Plus		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		
IP Rating		IP66		
Window		Ø78 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 : 120mm(W) x 112mm(H) x 387mm(D) , Bracket : 211.5mm(L)		
Weight		2200g		
Power Supply	AC24V (±10%)	AC100~240V (±10%)	AC24V (±10%)	AC100~240V (±10%)
	PoE+ (IEEE 802.3at compliant)			
Power Consumption		17W (PoE+, 20W)		

Video Compression		H.264 , Motion JPEG	
Resolution		QXGA(2048 x 1536), 1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)	
Multiple profile	Profile #1	H.264 2048x1536 @15fps	
	Profile #2	H.264 1920x1080 @30fps, H.264 720x480 @30fps, JPEG 720x480 @25fps, JPEG 352x240 @25fps	
	Profile #3	H.264 1280x720 @30fps, H.264 720x480 @30fps, JPEG 352x240 @25fps	
	Profile #4	H.264 1920x1080 @30fps, H.264 720x480 @30fps, JPEG 1280x720 @25fps	
	Profile #5	H.264 1920x1080 @30fps, H.264 720x480 @30fps, JPEG 720x480 @25fps	
Video Streaming		RTP/HTTP, RTP/TCP, RTP/UDP 128Kbps ~ 5Mbps	
Video Bitrate		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	
Mobile Phone and PDA		iPhone, iPad, and Android support	
System Integration		Onvif & LILIN HTTP API Support CMX HD 3.6	
Video Display		LILIN Universal ActiveX & LILIN Java Applet	
OS		Embedded Linux 2.6.32	
Two-way Audio		G.711	
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.)	