



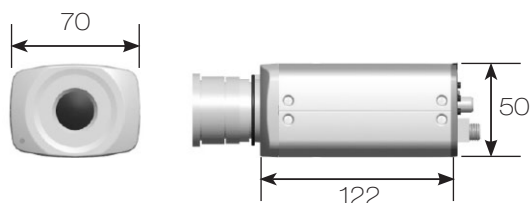
LB1022X in the L series is featuring built-in Sense up+ technology to deliver stunning video in low-light conditions. Utilizing intelligent image signal processing, 2D WDR function, AGC control, and 3D Noise Reduction, the combination successfully delivers the ultimate low-light image without motion blur.

FEATURES :

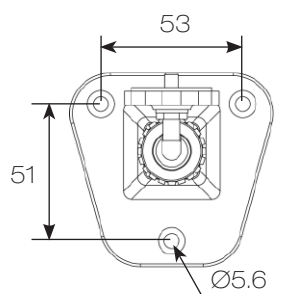
- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10
- H.264 and Motion JPEG triple video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital zoom supported
- Audio / Motion detection alarm function
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF Profile S supported

DIMENSIONS : (Unit : mm)

70(W) x 50(H) x 122(D)



INSTALLATION HOLE SITE DIAGRAM :



SPECIFICATION :

Name	Day & Night 1080P HD IP Camera		
Model	LB1022EX3		
Lens	Focal length	3 – 10.5 mm (CS Mount)	
	Iris	F1.4	
	Angle of view	H	105.6° – 28.4°
		V	79.2° – 21.3°
		D	132° – 35.5°
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) / External control		
Min. illumination	0.1 Lux at F1.4 (Low Light Mode)		
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2		
Back light compensation	Off / On		
Electronic shutter	1/30(1/25)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		
Live Video output	CVBS 1.0Vp-p, 75 ohm, BNC connector		
Audio in / output	Mono, 1.4 Vp-p, 50 K Ω , 3.5mm phone jack		
Operating temperature	-25°C – +50°C (-13°F – 122°F)		
Dimension	70mm(W) x 50mm(H) x 110mm(D)		
Weight	380g		
Power supply	DC12V $\pm$ 10% / PoE (IEEE 802.3af compliant)		
Power consumption	DC12V, 6W / PoE, 7.5W		

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 function	Alarm / motion detection triggering recording into SD card		
	Image upload over FTP and E-mail by 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, Windows 8		
	Browser : Windows Internet Explorer 6.0 or above		
	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, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour		
Mobile phone	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 2.6.32		
Two-way audio	G.711 / PCM		
SD card recording	Support Micro SD/SDHC card for circular recording (card is not included)		
Alarm input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA)		