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## HD 30M IR Range Fixed Dome IP Camera



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### Features

- IR cut filter for day/night operations
- 30-meter infrared night vision
- 1080p resolution @ 15 FPS

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### Description

LR302 HD 30M-Range IR Fixed Dome IP Camera in the L series features 1080p resolution at 15 frames per second, built-in Sense up+ technology to deliver stunning video in low-light conditions, and intelligent video surveillance (IVS) functions. Utilizing intelligent image signal processing, HDR, AGC control, and 3D Noise Reduction, the combination successfully delivers the ultimate low-light image without motion blur. The support of PoE, privacy mask, and white balance, as well as the minimum illumination of 0.15 Lux at F2.0 will satisfy multiple applications.

## Specifications

Model	LR302
Min. illumination/Low Light Mode (Colour)	0.15 Lux at F2.0 (Color) , 0.05 Lux at F2.0 (B/W) ; With Infrared LED 0 Lux
Power Consumption	DC12V, 4.8W / PoE, 6W
PoE	IEEE 802.3af
Power Supply	DC12V $\pm$ 10% , Power over Ethernet (IEEE 802.3af compliant)
Image Sensor/Sensor type	1/2.7" CMOS image sensor
Effective pixels	1920 (H) x 1080 (V) = 2,073,600 pixels
CE	Yes
FCC	Yes
CPU requirement	Intel i3 or above
OS requirement	Windows 7, Windows 8, Windows 10
RAM requirement	4GB or above, dedicated graphics card
Dimensions	110mm x 89mm approx.
Weight	360g
Video Compression	H.264 , Motion JPEG
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast Multiple configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth
Video bitrate	128Kbps – 8Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported ; Fixed bitrate
User accounts	10 user accounts available
Access	Multiple user access levels with password protection
Encryption	Base64 HTTP encryption
IP address filter	Yes

Mobile phone	Integrated to LILIN mobile app (LILIN Viewer) iPhone, iPad, Android support
Video Management	ONVIF Profile S ; LILIN Navigator Enterprise 1.0 and 2.0 ; Third party VMS through LILIN HTTP API
SD Card (recording)	Support Micro SD/SDHC card for circular recording (card is not included)
Web browser	Microsoft® Internet Explorer® 9.0 and later
Firmware	Firmware upgrade via HTTP, and IP Scan
Alarm event triggers	Motion/Network lost detection
Alarm event actions	FTP,SMTP, HTTP post, SD card, SAMBA
Operating temperature	-25°C – +50°C (-13°F – 122°F)
Lens	4mm
Iris	F2.0
Angle of View	(H)94° (V)50° (D)102°
Max IR distance	30m
Peak wavelength	850nm
Infrared LED Angle	60°
Resolution	1080P(1920 x 1080) , 720P(1280 x 720) , D1(720 x 480) , CIF(352 X 240)
Frame Rates	H.264 : up to 15 FPS @ 1920 x 1080, 30 FPS @ 720 x 480 ; Motion JPEG : up to 15 FPS @ 1920 x 1080 30 FPS @ 720 x 480, 30 FPS @ 352 x 240
IR cut filter	Color (Day), Monochrome (Night), Auto, Schedule
Scanning System	Progressive scan
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Shutter Time	1/30(1/25)s to 1/8000s
Back Light Compensation (BLC)	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)

Sense Up	Off / 1 frame / 2 frames / 3 frames / 7 frames
Sense Up+	Yes
Auto Gain Control	36 dB variable gain
Other functions	Sharpness, Image flip, Image mirror, Hue, Corridor
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45
Users	10 simultaneous users
OSD (On-Screen Display)	Text overly for date, time , and camera name
CPU	Embedded SoC ARM11, 528MHz, 256MB DDR3, 256MB flash memory
Video Display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 2.6.32
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, SDDP, Bonjour
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Multi IP address	Yes