LILIN

Outdoor HD 30M-Range IR Fixed Lens IP Camera

Features

- Outdoor Bullet Camera
- IR cut filter for day/night operations
- IP66 rain and dust resistant
- 30-meter infrared night vision
- 1080p resolution @ 30 FPS

Description

The MR8322 Outdoor HD 30M-Range IR Fixed Lens IP Camera in the M series features 1080p at 30 frames per second, 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 ultimate low-light images without motion blur. The IP66-rated housing is designed to prevent the camera from being damaged by rain and dust and ensures operation under various demanding weather conditions. The support of PoE, privacy mask, and white balance, as well as the minimum illumination of 0.13 Lux at F2.0 can certainly satisfy multiple applications.

Specifications

Model	MR8322
Image Sensor/Sensor type	1/2.7" CMOS image sensor
Effective pixels	1920 (H) x 1080 (V) = 2,073,600 pixels
Video Compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Resolution	1080p (1920 x 1080), 1280x960 (1280 x 960), 720P (1280 x 720), D1 (720 x 480, 720 x 576), VGA (640 x 480), CIF (352 X 240)
Frame Rates	H.264: up to 30 FPS @ 1920 x 1080, MJPEG: up to 30 FPS @ 1920 x 1080
Lens	4mm
Iris	F2.0
Angle of View	(H) 90° (V) 45° (D) 107°
Max IR distance	30m
Infrared LED Angle	60°
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast ; 3 configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth
Video bitrate	128Kbps – 12Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported Fixed bitrate
Peak wavelength	850nm
Window / Glass Thickness	Ø 58mm Heat Resistant Glass
Scanning System	Progressive scan
IR cut filter	Color (Day), Monochrome (Night), Auto, ScheduledProgressive scan

Min. illumination/Low Light Mode (Colour)	0.13 Lux at F2.0 (Color),0.052 Lux at F2.0 (B/W),With Infrared LED 0.0 Lux
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	On / Off
Shutter Time	1/30(1/25)s to 1/30000s
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
3D Noise Reduction	Off / 1 to 32 selectable
2D WDR	Off / Auto / x2 / x3 / x4 (in normal mode)
High Dynamic Range(HDR)	Up to 100dB (in HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 independent areas)
Other functions	Sharpness, Hue, Image flip, Image mirror
Encryption	Base64 HTTP encryption / Digest auth.
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
IP address filter	Yes
Multi IP address	Yes
Users	10 simultaneous users
OSD (On-Screen Display)	Text over date, time, and camera name
IVS (Intelligent Video Surveillance)	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Alarm event triggers	Motion/Tamper/Network lost detection
Alarm event actions	FTP, HTTP post, SD card, SAMBA
CPU	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 32MB flash memory
Firmware	Firmware upgrade via HTTP and IP Scan
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45
CE	Yes
FCC	Yes FCC EMI CLASS B

OS requirement	Windows 7, Windows 8, and Windows 10
Web browser	Microsoft® Internet Explorer® 9.0 and later Chrome, Safari and Firefox via HTML5
CPU requirement	Intel i3 or above
RAM requirement	4GB or above, dedicated graphics card
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, SIP, MQTT, QoS, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP
Mobile phone	Supports LILIN mobile app (LILIN Viewer) in both iOS and Android versions
Video Management	ONVIF Profile S / LILIN Navigator Enterprise 1.0 and 2.0 / Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX, LILIN Java Applet & HTML5
OS	Embedded Linux 3.10
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
SD Card (recording)	Support Micro SD/SDHC/SDXC (up to128GB) card for circular recording (card is not included)
IP Rating	IP66 waterproof
Vandal Resistant Rating / IK Rating	IK10
Operating temperature	-40°C – +50°C (-40°F – 122°F)
Dimensions	68mm(W) x 69mm(H) x 185mm(D) approx.
Weight	450g approx.
Power Supply	DC12V ±10%,Power over Ethernet (IEEE 802.3af compliant)
PoE	PoE , IEEE 802.3af
Power Consumption	DC12V, 5.2W / PoE, 6.6W