



Day & Night 1080P Full HD IP CAMERA



Features

- Full HD 2MP IP camera
- Wide Dynamic Range
- 1080P resolution
- IR cut filter for day/night operations
- Easy to install

Description

The MG1022 incorporates Sense up+, a unique technology that successfully delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, AGC control, and 3D Noise Reduction, this model successfully delivers the ultimate low-light image without motion blur. Measuring less than 110mm in length, this latest addition to the series provides an internal solution for multiple applications.

Specifications

Model	MG1022
Image Sensor/Sensor type	1/2.8" CMOS image sensor
Effective pixels	1920 (H) x 1080 (V) = 2,073,600 pixels
Video Compression	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
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 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
Scanning System	Progressive scan
IR cut filter	Color (Day), Monochrome (Night), Auto, Schedule, External control
Min. illumination/Low Light Mode (Colour)	0.02 Lux at F1.2 (Color) , 0.003 Lux at F1.2 (B/W)
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 (by normal mode)
High Dynamic Range(HDR)	Up to 100dB (by HDR mode, 2 shutter line interleave)

Privacy Masking	Off / On (4 independent areas)
Other functions	Sharpness, Hue, Image flip, Image mirror
Live video	CVBS 1.0Vp-p, 75 ohm, BNC connector
Audio Input / Output	Mono, 1.98Vp-p, 3.5mm phone jack
Encryption	Base64 HTTP encryption / Digest
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 overly for date, time , and camera name
IVS (Intelligent Video Surveillance)	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Alarm event triggers	Motion/Tamper/Audio/Alarm/Network lost detection
Alarm event actions	FTP,SMTP, HTTP post, SD card, SAMBA
CPU	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB 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, Windows 10
Web browser	Microsoft® Internet Explorer® 9.0 and later
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, SNMP , SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
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
Video Display	LILIN Universal ActiveX , LILIN Java Applet & HTML5
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
OS	Embedded Linux 3.10
Audio	2-way audio supported , G.711 / PCM, (Built-in microphone)
SD Card (recording)	Support Micro SD/SDHC/SDXC (up to 128GB) 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), Terminal Block
Operating temperature	-25°C – +50°C (-13°F – 122°F)
Dimensions	70mm(W) x 50mm(H)x 110mm (D)
Weight	380g approx.
Power Supply	DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant)
PoE	IEEE 802.3af
Power Consumption	DC12V, 3.2W / PoE, 4.4W