4MP HD Microdome IP Camera

Features

- 4MP HD Microdome IP Camera
- Wide Dynamic Range
- Back light compensation
- Compact design and discreet low-profile form factor
- 4MP video resolution
- Easy to install

Description

As with all M series cameras, the 4MP HD Dome IP Camera MD2242 incorporates Sense up+, a unique technology that delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, auto gain control (AGC), and 3D Noise Reduction, the image of this model under demanding lighting conditions does not suffer from motion blur. The MD2242 is capable of producing three independent video streams, and different streams can be adjusted for different applications, depending on the individual user requirements.

Specifications

Model	MD2242
Image Sensor/Sensor type	1/3" CMOS image sensor
Effective pixels	2688(H) x 1520 (V) = 4,085,760 pixels
Video Compression	Smart H.264/ H.264 High/ Main Profile, Motion JPEG
Resolution	4MP(2688 x 1520) , 1080p (1920 x 1080) , 1280x960 (1280x960) , 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 20 FPS @ 2688 x 1520, up to 30 FPS @ 1920 x1080 MJPEG : up to 20 FPS @ 2688 x 1520, up to 30 FPS @ 1920 x1080
Lens	3.6mm
Iris	F2.0
Angle of View	(H)88° (V)47° (D)106°
Digital zoom	Yes
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 3 configurable streams in H.264 and Motion JPEG, configurable frame rate , bandwidth Codec and GOP
Video bitrate	128Kbps – 12Mbps ; Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported ; Fixed bitrate mode
Scanning System	Progressive scan
Min. illumination/Low Light Mode (Colour)	0.328 Lux at F2.0 (Color)
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2 / Customized adjustable red gain and blue gain
Back Light Compensation (BLC)	On / Off
Shutter Time	1/30(1/25)s to 1/20000s

Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	36 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
Lens distorsion correction (LDC)	Yes
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, Tamper detection
Alarm event triggers	Motion/Tamper/Audio/Network lost detection
Alarm event actions	SMTP (SSL & TLS), 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
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, 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	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
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
OS	Embedded Linux 3.10
Audio	One-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)
Operating temperature	-25°C – +50°C (-13°F – 122°F)
Dimensions	Ø105mm x 39mm
Weight	250g
Power Supply	DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant)
PoE	IEEE 802.3af
Power Consumption	DC12V, 2.6W / PoE, 3.8W