

5MP Day & Night IP Box Camera

Pick Up Element	1/2.5" CMOS image sensor
Effective pixels	2592 (H) × 1944 (V) = 5,038,848 (pixel)
Video Compression	H.264 , Motion JPEG
Resolution	5MP(2592x1944), 3MP(2048x1536), 1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)
Frame Rates	H.264 : up to 30 FPS @ 1920 x 1080, MJPEG : up to 30 FPS @ 720 x 480 / H.264 : up to 30 FPS @ 1280 x 720, MJPEG : up to 30 FPS @ 352 x 240 / H.264 : up to 30 FPS @ 1920 x 1080, MJPEG : up to 30 FPS @ 1280 x 720 / H.264 : up to 30 FPS @ 720 x 480, MJPEG : up to 15 FPS @ 1920 x 1080 / H.264 : up to 15 fps @ 2048 x 1536 , MJPEG : up to 15 fps @ 720 x 480 / H.264 : up to 12 FPS @ 2592 x 1944, MJPEG : up to 12 FPS @ 720 x 480
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate	128Kbps~8Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported
Scanning System	Progressive Scan
Infrared Cut Filter	Colour (Day), Monochrome (Night), Auto, Schedule, External control
Min. illumination/Low Light Mode (Colour)	0.2 Lux at F1.2 (min. illumination)
White Balance	Auto / tungsten / indoor / fluorescents1 / fluorescents2 / outdoor1 / outdoor2
Back Light Compensation (BLC)	Off / On
Electrical 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 / Auto / x2 / x3 / x4
Privacy Masking	Off / on (4 zones)
Other functions	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip
Live Video Output	CVBS 1.0Vp-p, 75 ohm, RCA connector
Audio Input / Output	Mono, 1.4 Vp-p, 50 kΩ , 3.5mm phone jack
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
IP address filter	Yes
Multi IP address	Yes
Users	8 simultaneous users
ePTZ & Digital Zoom	Yes, ROI is supported
OSD (On-Screen Display)	Text overly for date, time , and camera name

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Alarm event triggers	Face / tampering / audio / motion / alarm detection ; Image upload over FTP and E-mail by face / tampering / audio / motion / alarm detection
Alarm event actions	Yes
CPU	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
Firmware	Firmware upgrade via HTTP ; Firmware available to download at meritlilin.com
Network Interface/Ethernet	10Mbps / 100Mbps Base-T, RJ-45
Control interface	RS-485 , Half-Duplex , support MLP2 , Pelco D/P protocols
CE	Yes, EMI CLASS A
FCC	Yes, EMI CLASS A
OS requirement	Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8
Web browser	Microsoft® Internet Explorer® 6 and later
CPU requirement	Intel Pentium 4 1.8GHz or above
RAM requirement	1GB or above ,Independent Display Card
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	Integrated to LILIN mobile app (LILINViewer) ; iPhone, iPad, Android support
Video Management	ONVIF Profile S / LILIN CMX3.6 NAV 1.0 / Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 2.6.32
Audio	Two-way Audio, G.711 u-law / PCM, Built-in Microphone
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)
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%。 PoE (IEEE 802.3af compliant)
PoE	PoE
Power Consumption	DC12V, 6W/ PoE, 7.5W