

4MP Day & Night Auto Focus IR Vandal Resistant IP Dome Camera

Pick Up Element	1/3" CMOS image sensor
Effective pixels	2688 (H) x 1520 (V) = 4,085,760 (pixels)
Video Compression	H.264 Main and High Profile, Motion JPEG
Resolution	1080p HD (2688x1520, 2560x1440, 2304x1296, 1920x1080) , 720p HD (1280x960, 1280x720) , D1 (720x480, 720x576) , CIF (640x480, 352x240)
Frame Rates	H.264 / Motion JPEG: up to 20 fps @ 2688x1520, up to 25 fps @ 2560x1440, up to 30 fps @ 2304x1296, up to 30 fps @ 1920x1080
Lens	2.8 – 8 mm (zoom / focus motorized)
Iris	F1.6
Angle of View	H : 97.3° (W) – 49.2° (T) , V : 49.6° (W) – 24° (T) , D : 122.4° (W) – 54.8° (T)
Auto Focus	One Push
Max IR distance	30M
Infrared LED Angle	30°, 50°
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate	128Kbps – 12Mbps ;Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported, Fixed bitrate, Smart H.264
Peak wavelength	850nm
Scanning System	Progressive scan
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)
Min. illumination/Low Light Mode (Colour)	Color : 0.2 Lux at F1.6 / B/W : 0.045 Lux at F1.6 , 0 Lux with IR LED ON
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom
Back Light Compensation (BLC)	On / Off
Electrical Shutter	1/30(1/25)s – 1/20000s
Sense Up	Off / 1 Frame / 2 Frames
Auto Gain Control	36 dB Variable Gain
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)
High Dynamic Range(HDR)	Up to 100dB (by HDR mode, 2 shutter lines interleave)
Privacy Masking	Off / On (4 zones)
Other functions	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction
S / N Ratio	More than 50dB (AGC off)
Encryption	Base64 HTTP encryption/ Digest HTTP authentication
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
Users	10 simultaneous users

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ePTZ & Digital Zoom	Yes, ROI is supported
OSD (On-Screen Display)	Text overlay 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 / Network lost detection
Alarm event actions	FTP, HTTP post, SAMBA
CPU	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Firmware	Firmware update via HTTP and IP Scan ; Firmware available at web site
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45
CE	Yes, EMI CLASS B
FCC	Yes, 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, 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 support, 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
IP Rating	IP67
Operating temperature	-40°C – +50°C (-40°F – 122°F)
Dimensions	Φ115 x 91mm
Weight	435g
Power Supply	DC12V ±10%
PoE	PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 7.2W / PoE, 8.3W
Vandal Resistant Rating / IK Rating	IK10