

6MP Day & Night Fixed IR Vandal Resistant Panoramic IP Camera

Pick Up Element	1/1.8" CMOS image sensor
Effective pixels	3096 (H) x 2080 (V) = 6,439,680 (pixels)
Video Compression	H.264 Main and High Profile, Motion JPEG
Resolution	3072x2048(6MP), 3072x768, 2048x2048, 1920x1080(1080P), 1280x720(720P), 720x480(D1), 480x480
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 @ 3072 x 2048, MJPEG: up to 30 fps @ 720 x 480 / H.264: up to 30 fps @ 3072 x 768, MJPEG: up to 30 fps @ 720 x 480 / H.264: up to 30 fps @ 2048 x 2048, MJPEG: up to 30 fps @ 480 x 480
Lens	1.6 mm
Iris	F1.6
Angle of View	(H) 185° (V)185° (D)185°
Max IR distance	5M
Infrared LED Angle	90°
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
Peak wavelength	850nm
Scanning System	Progressive scan
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)
Min. illumination/Low Light Mode (Colour)	Color: 0.04 Lux at F1.6, Mono: 0.002 Lux at F1.6
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	Off / On
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / 1 Frame / 2 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
Audio Input / Output	Mono, 1.98 Vp-p, 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	IP filter with access log
Users	8 simultaneous users

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ePTZ & Digital Zoom	Up to 4 independent distortion corrected view angle, 360-degree field of imaging, and an ROI supported
OSD (On-Screen Display)	Text overly for date, time, and camera name
Alarm event triggers	Alarm / Motion / Audio detection triggering recording into SD card , Image upload over FTP and E-mail by alarm / Motion / Audio detection
CPU	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory
Firmware	Firmware upgrade via HTTP , Firmware available at web site
Network Interface/Ethernet	10Base-T / 100Base-TX / 1000Base-T, RJ-45
CE	Yes, EMI CLASS A
FCC	Yes, EMI CLASS A
OS requirement	Windows 7, Windows 8 or above
Web browser	Internet Explorer 10 or above
CPU requirement	Intel Core 2 Duo E6400 2.13GHz or above
RAM requirement	2GB or above, Independent Display Card
Protocols	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP
Mobile phone	iPhone, iPad, and Android support
Video Management	Navigator Enterprise 2.0 support
Video Display	LILIN Universal ActiveX & LILIN Java Applet
Screen mode	Full Panorama / Wide Panorama / Around Panorama / 4 Window / 1 Window
OS	Embedded Linux 3.8
Audio	Two-way Audio, G.711 u-law / PCM, External Microphone Required
SD Card (recording)	Support Micro SD/SDHC/SDXC 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
IP Rating	IP66
Vandal Resistant Rating / IK Rating	IK10
Operating temperature	-25°C+ 50°C (-13°F-122°F)
Dimensions	Φ117 x 55mm
Weight	400g
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 8.1W / PoE, 7.1W