



Day & Night 1080P HD IR IP Camera



Features

- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / Tampering / Motion detection alarm function
- 3-Axis camera construction
- Screw-on design dome cover for easy and secure installation
- High efficiency IR LED, radiant distance up to 16m
- Day & Night (IR cut removable)
- ONVIF supported

Description

As with all Pro series cameras, Day & night 1080P HD IR IP camera IPR2122 incorporates Sense Up+, a unique technology that successfully delivers stunning video in low-light conditions. Featuring high-efficiency IR-LEDs provide 16 meters of light. Utilizing intelligent image signal processing, AGC control, and 3D noise reduction, this model successfully delivers the ultimate low-light image without motion blur. The IPR2122 is capable of producing four independent video streams, different streams can be set for different applications, depending on the individual user requirements.

Further features include Region of Interest (ROI), 2-way audio, digital PTZ (pan-tilt-zoom), PoE (Power over Ethernet) and alarm activation by motion, tamper, face and audio detection.

Specifications

Model	IPR2122ES4.3
Image Sensor/Sensor type	1/2.8" CMOS image sensor
Max. Image Pixels/ Total sensor pixels/ Effective Pixels	1984 (H) × 1105 (V) = 2,192,320 (pixel)
Video Compression	H.264 , Motion JPEG
Megapixels	1080P(1920 × 1080), 720P(1280 × 720), D1(720 × 480), CIF(352 × 240)
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
Lens/Focal length	4mm
Iris	F1.6
Angle of View	84.8°(H), 45.2°(V), 100.6°(D)
IR Radiant Distance	16m
Infrared LED Angle	30°

Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
Video bitrate	128Kbps-5Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported
Peak wavelength	850nm
Scanning System	Progressive Scan
IR cut filter	Colour (Day), Monochrome (Night), Auto, Schedule
Min. illumination/Low Light Mode (Colour)	0.03 Lux at F1.6 (Low Light Mode), 0 Lux with IR LED ON
White Balance	Auto / tungsten / indoor / fluorescents1 / fluorescents2 / outdoor1 / outdoor2
Back Light Compensation (BLC)	Off / On
Shutter Time	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)
D/N quality setting	Yes
Other functions	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip
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

Alarm event triggers	Motion / tampering / face detection triggering recording into SD card ; Image upload over FTP and E-mail by face / tampering / motion detection
Alarm event actions	Yes
Alarm weighted mode	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
CE	Yes
FCC	Yes
Connectivity	ONVIF Profile S
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	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour
RTSP Authentication	On / Off
Mobile phone	Integrated to LILIN mobile app (LILINViewer) ; iPhone, iPad, Android support
Video Management	ONVIF & LILIN HTTP API
Video Display	ONVIF Profile S / LILIN CMX3.6 NAV 1.0 / Third party VMS through LILIN HTTP API
OS	Embedded Linux 2.6.32
SD Card/ SD card recording	Support Micro SD/SDHC card for circular recording (card is not included)
Operating temperature	-25°C□+50°C (-13°F□122°F)

Dimensions	Ø120 × 102mm
Weight	450g approx.
Power Supply	DC12V ±10% PoE (IEEE 802.3af compliant)
PoE	PoE
Power Consumption	DC12V, 7.5W / PoE, 8.5W
