1080P Day & Night Vari-Focal IR IP Dome 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 / Audio / Motion detection alarm function
- Ceiling mount and Embedded mount installation
- High efficiency IR LED, radiant distance up to 25m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported
- Support Sense Up + and Quadruple Streaming technologies

Description

As with all Pro series cameras, Day & night 1080P HD Vari-Focal dome IR IP camera IPR2322X incorporates Sense Up+, a unique technology that successfully delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, AGC control, and 3D noise reduction, this model successfully delivers the ultimate low-light image without motion blur. The IPR2322X 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	IPR2322ESX3.6
Pick Up Element	1/2.8" CMOS image sensor
Effective pixels	1984 (H) × 1105 (V) = 2,192,320 (pixel)
Video Compression	H.264 , Motion JPEG
Resolution	1080P(1920 × 1080), 720P(1280 × 720), D1(720 × 480), CIF(352 × 240)
Maximum Frame Rate	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
Focal Length	2.8-12 mm
Iris	F1.4
Angle of View	91.2° – 25.5°(H), 59.4° – 22.4°(V), 99° – 37.3°(D)
Max IR distance	25m

Infrared LED Angle	30□
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
Peak wavelength	850nm
Scanning System	Progressive scan
Infrared Cut Filter	Colour (Day), Monochrome (Night), Auto, Schedule
Min. illumination/Low Light Mode (Colour)	0.02 Lux at F1.4 (Low Light Mode) / 0 Lux with IR LED ON
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
Max number of online users	10 user accounts available
IP address filter	Yes
Multi IP address	Yes
User accounts	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 / Tamper / Audio / Alarm / Face detection / Network lost detection
Alarm event actions	FTP / SMTP / HTTP post / SD card / SAMBA / SNMP Trap / Alarm Output / Push Service notification
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	10/100 Mbps Base-T (Tx), RJ-45
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	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
Mobile Application	Integrated to LILIN mobile app (LILIN Pro) iPhone, iPad, Android support
Video Management	ONVIF Profile S LILIN Navigator Enterprise 5.0 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, External Microphone Required
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	Ø150 × 134mm
Weight	640g approx.
Power Supply	DC12V ±10% PoE (IEEE 802.3af compliant)
PoE	PoE
Power Consumption	DC12V, 9W / PoE, 10.2W
Warranty	3 Years