



1080P Day & Night Auto Focus IR IP Bullet Camera



Features

- Full HD 2 megapixel CMOS image sensor
- 60 fps@1080P True H.264 AVC High Profile video compression
- H.264 and Motion JPEG multi-profile video streaming
- Auto focus with zoom / focus motorized lens
- 3D noise reduction (MCTF)
- 2D WDR function
- HDR function up to 100dB
- Digital PTZ supported
- IVS supported
- Motion detection, Tampering detection, audio detection, tripwire, object counting, traffic light detection function
- Smart event support
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF Profile S supported
- LPR System (License Plate Recognition Systems)

Specifications

Model	ZSR8122LPR-H (Discontinued)
Min. illumination/Low Light Mode (Colour)	Color : 0.06 Lux at F1.8 ; B/W : 0.005 Lux at F1.8 ; 0 Lux with IR LED ON
Operating temperature	-40° to 50° (-40° to 122°)
Power Supply	DC12V ±10% , Power over Ethernet (IEEE 802.3at compliant)
Power Consumption	DC12V, 15.2W / PoE, 16.6W
Focal Length	7.0 – 22 mm (zoom / focus motorized)
Iris	F1.8(W) – F2.8(T)
Angle of View	41° (W) – 14° (T) (H) 22° (W) – 8° (T) (V) 48° (W) – 18° (T) (D)
Peak wavelength	850nm
Max IR distance	35M
Pick Up Element	1/2.8" CMOS image sensor
Effective pixels	1945 (H) × 1097 (V) = 2,133,665 (pixels)
CE	Yes
FCC	Yes
IP Rating	IP68
CPU	Intel® Core™ i5 or higher grade
OS	Windows 7 or above
RAM	4GB or above, Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 9 or above
Dimensions	102.5(W) × 102.5(H) × 258(D) mm
Weight	1050g approx
Window / Glass Thickness	Ø75 Heat Resistant Glass & Rain repellent glass
Audio Input / Output	Mono, 1.98 Vp-p , 2.2K Ω , Terminal Block
Live Video Output	CVBS 1.0Vp-p, 75 ohm, connector
Audio	Two-way Audio, G.711 u-law / PCM / AAC, External Microphone Required

Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA), Terminal block
Video Compression	H.264 main and high profile, Motion JPEG
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.264 and Motion JPEG, configurable frame rate, bandwidth Codec and GOP
Video bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported; Fixed bitrate
Encryption	Base64 HTTP encryption, HTTPS encryption
Authentication	Digest HTTP authentication, RTSP authentication
Access	Multiple user access levels with password protection
User accounts	10 simultaneous users
Multi IP address	Yes
Detection speed	Under 50KM/h.
Countries (Numeric Plate)	EU, UK, Russia ,Taiwan (dark background plate,green plate, red plate, and black plate with white text are not supported), Belgium,Bosnia, Bulgaria, Croatia, Cyprus, Czech Republic,Denmark, Finland, France, Germany, Greece,Hungary, Iceland, Ireland, Israel, Italy, Luxembourg,Macedonia, Malta, Netherlands, Norway, Poland,Portugal, Romania, Serbia, Spain, Slovakia, United Kingdom, Vatican City, Slovenia, Sweden,Switzerland, Turkey, Armenia, Azerbaijan, Belarus,Estonia, Georgia, Kazakhstan, Latvia, Lithuania,Moldova, Turkmenistan, Ukraine, Uzbekistan The number of characters on a plate must be a least five to be supported, characters must be A~Z and 0~9.

Resolution	2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Maximum Frame Rate	Multi-stream mode, H.264 : up to 60 fps @ 1920 × 1080, MJPEG : up to 30 fps @ 720 × 480; HDR mode, H.264 : up to 30 fps @ 1920 × 1080 , MJPEG : up to 30 fps @ 720 × 480
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom
Back Light Compensation (BLC)	On / Off
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	60 dB Variable Gain
S / N Ratio	More than 50dB (AGC off)
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 line interleave)
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction, Defog
Auto Focus	One Push
Smart IR	Off / On
Mobile Application	Integrated to LILIN mobile app (LILIN Viewer), iPhone, iPad, Android support
Video Management	ONVIF Profile S, LILIN Navigator Enterprise 2.0, Third party VMS through LILIN HTTP API
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)

Maintenance	Firmware update via HTTP and IP Scan; Firmware available at web site
IVS (Intelligent Video Surveillance)	Motion Detection, Tampering Detection, Advanced Motion Detection, Tripwire, Traffic Light Detection, Object Counting
Alarm event triggers	Motion / Tamper / Audio / Alarm / Network lost detection / Smart Event/ IVS / LPR
Alarm event actions	FTP / SMTP / HTTP post / SD card / SAMBA / SMTP Trap / Alarm Output
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Network Interface/Ethernet	10/100/1000 Mbps Base-T (Tx), RJ-45
ePTZ & Digital Zoom	Yes, ROI (Region of Interest)
Protocols	v4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, SIP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Video Display	LILIN Universal ActiveX & HTML5
Number Plate Lists	Log list: 1000 , all recognized car plate will be memorized, when log is full, data will be overwritten; allowed list can manually enter: 2000; denial list can manually enter: 100; visitor list: 2000; LPR Snapshot: 100 / Each list can have individual schedule and trigger specific events. / Holiday list is supported in schedule./ Effective-hours(start time and end time) are adjustable./ Support fuzzy recognition/ Detect level is adjustable (Very weak to strong)