Outdoor HD 35M-Range IR Varifocal IP Camera

Features

- Outdoor Bullet Camera
- IR cut filter for day/night operations
- IP66 rain and dust resistant
- 35-meter infrared night vision
- 1080p resolution @ 60 FPS
- LPR – License Plate Recognition
- Digital I/O : 1 in, 1 out

Description

An Ideal camera for low-light conditions

ZSR8122LPR is an outdoor varifocal IP camera that provides Full HD resolution at 60fps. It is an ideal camera for difficult lighting conditions. In the combination of WDR, 3D noise reduction, intelligent image signal processing, and the built-in Sense-up+ technology, the camera delivers outstanding image under extreme low-light conditions without any motion blur. This camera is also designed to prevent from rain and dust

with its IP66-rated housing, ensuring operation under various demanding weather conditions. ZSR8122LPR is an excellent choice that feeds your demand in multiple applications.

Specifications

Model	ZSR8122LPR
Detection speed	Under 20KM/h, for parking lot use.
Countries (Numeric Plate)	EU, UK, Ukraine, Russia and Taiwan (green and red license plates' recognition rates are 70%), 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, Taiwan, Turkey, Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Latvia, Lithuania, Moldova, Russian Federation, Turkmenistan, Ukraine, Uzbekistan / The number of characters on a plate must be at least three to be supported, characters must be A~Z and 0~9.
Numeric Plate Group	Log List: 1000, Denial List: 100, Allowed List: 1000 , Visitor List: 1000, LPR Snapshot: 100 / Each license can have individual schedule and trigger specific events. / Holiday list is supported in schedule. / Effective-hours(start time and end time) are adjustable. / Detect level is adjustable (Very weak to strong)
Type(Events)	Programmable SmartEvent / Trigger by each license, DO, HTTP Push, App Push, FTP, email

SDK	ANPR SDK to download the database, delete lists, and to extract snapshots
Database	Denial and allowed lists can be imported and exported in CSV format./ Built-in storage as a standalone device, operates without a computer.
Image Sensor/Sensor type	1/2.8" CMOS image sensor
Effective pixels	1945 (H) x 1097 (V) = 2,133,665 pixels
Video Compression	H.264 Main and High Profile, Motion JPEG
Resolution	1080p HD (1920 x 1080) , 1280 x 960 , 720p HD (1280 x 720) , D1 (720 x 480, 720 x 576) , VGA(640 x 480) , CIF(352 x 240)
Frame Rates	Multi-stream mode, H.264 : up to 60 FPS @ 1920 x 1080, Motion JPEG : up to 30 FPS @ 720 x 480 HDR mode, H.264 : up to 30 FPS @ 1920 x 1080 , Motion JPEG : up to 30 FPS @ 720 x 480
Lens	7 – 22mm
Auto Focus	One Push
Max IR distance	35m
Infrared LED Angle	60°, 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 ; Fixed bitrate mode
Peak wavelength	850nm
Window / Glass Thickness	Ø75mm Heat Resistant Glass
Scanning System	Progressive scan
IR cut filter	Color (Day), Monochrome (Night), Auto, Schedule
Min. illumination/Low Light Mode (Colour)	0.06 Lux at F1.8 (Color),0.005 Lux at F1.8 (B/W) ; With Infrared LED 0 Lux
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom

Back Light Compensation (BLC)	On / Off
Shutter Time	1/30(1/25)s to 1/30000s
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	60 dB variable gain
3D Noise Reduction	Off / 1 to 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)
Other functions	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction
Live video	CVBS 1.0Vp-p, 75 ohm, connector
Audio Input / Output	Mono, 1.98 Vp-p , 2.2KΩ , Terminal Block
Defog	Support
Encryption	Base64 HTTP encryption, HTTPS encryption, Digest HTTP authentication, RTSP Authentication
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
IP address filter	IP address filter, MAC address filter
Multi IP address	Yes
Users	10 simultaneous users
ePTZ & Digital Zoom	Yes, ROI is supported
OSD (On-Screen Display)	Displays date, time , and camera name
IVS (Intelligent Video Surveillance)	Motion detection, Tampering detection, audio detection, tripwire, object counting, traffic light detection
Alarm event triggers	Smart Event, IVS, LPR, Motion, Tampering, Audio, Alarm, Network
Alarm event actions	FTP, SMTP, SD card, SAMBA, Alarm output, HTTP POST, SNMP Trap

CPU	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory
Firmware	Firmware upgrade via HTTP and IP Scan ; Firmware available at web site
Network Interface/Ethernet	10/100/1000 Mbps Base-T, RJ-45
Control interface	Firmware upgrade via HTTP, and IP Scan
CE	Yes
FCC	Yes
OS requirement	Windows 7, Windows 8, Windows 10
Web browser	Microsoft® Internet Explorer® 9.0 and later
CPU requirement	Intel Core i5 or higher grade
RAM requirement	4GB or above, Independent Display Card
Protocols	IPv4, 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
Mobile phone	Supports LILIN mobile app (LILIN Viewer) in both iOS and Android versions
Video Management	ONVIF Profile S / LILIN Navigator Enterprise 1.0 and 2.0 / Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX & HTML5
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
OS	Embedded Linux 3.8.8
Audio	2-way audio supported , G.711 / PCM / AAC
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 waterproof
Operating temperature	-40°C – +50°C (-40°F – 122°F)
Dimensions	102.5(W)x102.5(H)x258(D) mm approx.
Weight	1050g approx.
Power Supply	DC12V ±10%,Power over Ethernet (IEEE 802.3at compliant)
PoE	IEEE 802.3at
Power Consumption	DC12V, 15.2W / PoE+, 16.6W