

Intelligent LPR Camera



Overview

The latest plate recognizing HD LPR camera adapting to complicated lighting conditions achieve more than 98% plate recognition rates with advanced plate recognition algorithms. It is widely applied in many countries at the exits/entrances of parking lots, car 4S stores, highways as well as checking stations. Free SDK is offered for plate recognition system integration.

Product features

- Embedded intelligent algorithms for best viewing license plate
- WDR adjust,HLC(highlight compression) function
- 1-3 lanes surveillance. 6 traffic modes selectable: 30KM/H-180KM/H
- With 1.8 Inch LCD display menu.
- Support auto snapshot number plates JPEG image with 128G TF Card(Micro SD Card)
- ONVIF protocol,GB28181 protocol, compatible with main NVR
- Easy setting: no need professionals, no need client software
- Support Camhi App and FTP upload

Technical parameters

Model	SVN-4GHX0622LPR2
3G/4G	
3G/4G network standard	4G FDD-LTE/TD-LTE/WCDMA/HSPA+/TD-SWCDMA/GSM/GPRS/EDGE
Bands	B1/B3/B7/B20/B38/B39/B40/B41/B26
Transmission Speed	LTE FDD/TDD (Cat. 4) download 150 Mbps . Upload 50 Mbps
	3G HSPA+ download 21 Mbps , Upload 5.76 Mbps
	3G TD-SCDMA download 2.8 Mbps , Upload 2.2 Mbps
3G/4G Video Transmission channel	LTE B1/B3/B8/B38/B39/B40/B41 (CA not support)
	TD-SCDMA B34/B39
	WCDMA 2100/900MHz
	GSM/GPRS/EDGE 900/1800MHz
Signal Strength Detection	Support
SMS	Support SMS sending
SIM card slot	Support Standard USIM card
SIM card lock	Support
Camera Type	2.0 Megapixels 4G LPR IP Camera
System	Embedded RTOS design
Video	
Effective Pixels	2.0 Mega Pixels ,Main stream:1920*1080 ,Sub stream:704*576

Frames Rates	25fps(1920*1080), NTSC: 30fps(1920*1080)
Image Sensor	1/2.8" SONY CMOS Sensor , 2.48 megapixel resolution (2000H*1241V)
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DSP	Dual core 32-bit DSP , (A5S88)
Min. Illumination	Color 0.01Lux@F1.2, B/W 0.001 Lux@F1.2
Adjust Parameters	WDR,HLC,BLC,DNR,AE,AGC,D&N,Mirror,Flip,etc.
Compression	H.264 Main profile
Stream	support dual stream,AVI format
Bit Rate	support 0.1M ~8Mbps bit rate adjustable
Frame Rates	support 1~30fps adjust
Audio	
Input and output	N/A
Compression	G.711 compression,support two-way audio intercom,support audio and video synchronized output
Alarm	Motion Detection, Video Blind , Video Loss
Network	
WEB Browser	Support WEB remote config(IE, Safari, Google Chrome, Firefox etc.)
Smart Phone	mobile remote Monitoring (iPhone,Android,Windows Mobile,BlackBerry,Symbian)
CMS Software	Uniform CMS Software(multiple devices management system)
Cloud P2P	MYEYE platform and other program,Offer SDK
Network	1 * RJ45,10/100M,Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP
ONVIF	Support (ONVIF 2.0)
POE	Support(optional)
WIFI	N/A
General	
IR Cut Filter	Set of double light switch IR-CUT filter
Lens Mount	Motorized Zoom AutoFocus Lens 6-22mm (3MP)
IR Luminary	4 pieces Array White light LED
IR Wavelength	/
IR Distance	More than 40 M
Waterproof Criterion	IP 66
I/O Connector	1*DC Connector ,1* RJ45(10/100M Network)
Supplied Voltage	DC12V/PoE(802.3af/820.3at)
Power Consumption	IR On: 600mA max., IR Off: Less than 200mA
Working Enviroment	-10° C~+60° C, 10%~90% (Built in Heater being optional added for enviroment lower than -20°)
Dimensions	290*100*135mm

Working under Most surroundings

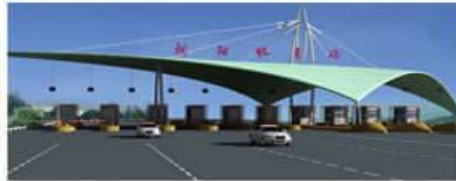




Installation Environment

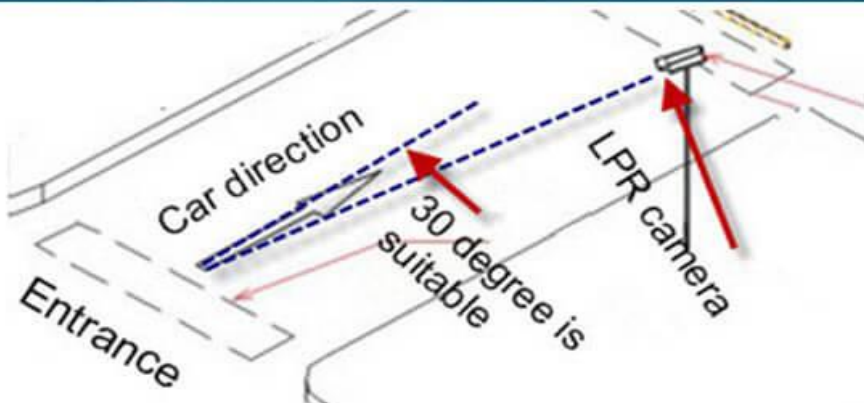


Where to install?



Installation Diagram

Install the camera over the car, and avoid the car headlight and sunlight directly shooting the camera, about 30 degree of the car body direction is recommended.



Choose the lens

Lens size	4 mm	6 mm	8 mm	12 mm	16 mm
The Angle	69.9°	50°	38.5°	26.2°	19.8°
Distance	6m	10m	20m	35m	50m

Installation Schematic

