2.0MP License Plate IP Camera，SONY Sensor, WDR Camera, strong light inhibition, 5~50mm Manual Focusing Lens, ONVIF, effectively Capture the passing vehicles license plates and panoramic view.
Model: LP-IPC8036CP-S-MF0550L

The camera is suitable for highway, national highway, provincial highway, toll station, gas station, bayonet, car park entrances and exits, urban traffic conditions and other monitoring sites, can effectively see the passing vehicles license plates and panoramic view.

Product description：
Ambarella high performance image processor，SONY Exmor 1/2.8" image Sensor，Built-in AI model detection algorithm: When the car coming, camera will automatically turn on the strong light suppression, when the vehicle leaving, it will automatically close, no vehicle passing is an ordinary starlight camera. Pressure-sensitive ground coil capture, virtual coil capture. WIFI hotspot, TF card local recording，P2P remotely preview, store, and download videos, monitor three lanes at the same time, the speed can support up to 180KM/h (180 yards) .ONVIF/GB28181 protocol，compatible with mainstream NVR. Provide SDK development kit secondary development docking.

Product Features：

Adopting Ambarella high performance image processor.

SONY Exmor/2.8" Low illumination CMOS Sensor，Color minimum illumination 0.1Lux / Black and white 0.01Lux.

H.264（HighProfile）Compression algorithm，Achieve high-definition images with low bit rate transmission.

With three streams, Support 1920x1080p@30fps Max, Real-time coding.

WIFI hotspot, TF card storage, P2P remote preview, storage, download video.

Built-in AI model detection algorithm: When the car coming, camera will automatically turn on the strong light suppression, when the vehicle leaving, it will automatically close. no vehicle passing is an ordinary starlight camera, capture license plate, Monitor Environment.

Monitor three lanes at the same time, the speed can support up to 180KM/h (180 yards), the license plate number is clear and without smear.

Speed: 30KM/h,60KM/h,90KM/h,120KM/h,150KM/h,180KM/adjustable.

Virtual coil, license plate recognition (need to cooperate with license plate recognition software)

With local TF card storage, the machine has built-in TF card slot (can store video and capture pictures, maximum support 128G TF card).

FTP upload: the captured image is automatically uploaded to the FTP server.

LED display: vehicle speed display, strong light suppression, Strong light suppression level, wide dynamic level display, etc., all license plate parameter values can be displayed through the built-in LCD screen.

The brightness of the fill light is adjustable in 13 level, and the adjustment parameters are automatically saved to the inside of the control panel MCU, and the power is turned off.

The fill light is turned on and off at 13 levels, and the adjustment parameters are automatically saved to the inside of the control panel MCU.

It is not restricted by ambient light and special angles, adapts to any environment, is quick to install, and requires no professional debugging. All parameter settings can be completed on the camera control panel, and access to the NVR can achieve video capture of the license plate clearly.

Built-in rich network protocol: HTTP, HTTPS, RTSP, RTSP OVER HTTP, TCP/IP, UDP, DDNS, DNS, DHCP, PPPOE etc.

Provide SDK development interface ,support Windows/Linux platform；

ONVIF/GB28181 protocol, compatible with mainstream NVRs, such as Hikvision, Dahua, JF TECH and JOVISION.

Technical Parameters:

Model NO.		LP-IPC8036CP-S-MF0550L
Video parameter	Sensor	Ambarella high performance image processor
	Image Sensor	SONY Exmor/2.8"Low illumination speed CMOS Sensor

	Video compression algorithm	H.264 HighProfile compression algorithm
	Video resolution	1920*1080P，1280*960P，1280*720P，D1,CIF,QCIF
	Effective Pixels	2.1 MP, real time 30f
	Minimum illumination	Color：0.01Lux at F1.2 / IR：0.001Lux
	Wide dynamic	Off, low mode, medium mode, higher mode, high mode
	Strong light suppression	Off, low mode, medium mode, higher mode, high mode
	Ambient brightness	Auto, low mode, medium mode, higher mode, high mode
	Upload stream	256Kbps～8Mbps
	OSD character overlay	Support Chinese and English character superposition, channel name, date and time, adjustable position
	Shooting distance	Standard 3.0MP 5-50mm zoom lens, see the identification license plate within 30 meters
Audio	Audio compression algorithm	G.711, G.726, AAC
Parameter	Voice intercom input	Support two-way voice intercom
Capture	License Plate Recognition	Real-time video streaming license plate recognition capture (need to buy our company license plate recognition algorithm software)
	Trigger capture	Support virtual trigger capture, ground sense coil and other external trigger capture
	Image Format	JPG/H.264
	upload picture	Support FTP upload, automatically upload FTP server
Protocol	Network protocol	HTTP, HTTPS, RTSP, RTSP over HTTP, TCP/IP, Uprun, NTP, SMTP, DHCP, DDNS, DNS, DHCP, PPPoE, FTP

	Access protocol	WEB，SDK API,ONVIF2.2
interface	Power input port	1channel
	RJ45 interface	1channel 10Base-T/100Base-TX Ethernet interface
	Input port	Two-way switch input for external trigger devices such as the sense coil of the pick-up detector
		Two-level level signal input, used for external trigger devices such as the sense coil of the pick-up detector
	Output port	Two-way switch output for controlling gates and strobe lights
LCD Display	Display	1.8-inch LCD display
	Language	Chinese & English
	Display function	Machine working mode, vehicle speed, strong light suppression, wide dynamics, ambient brightness, fill light brightness, light sensitivity
		Start value, number of shots, etc.
Fill light		6pcs 3W high power, brightness 13level adjustable, button digital dimming
Fan		Intelligent temperature control, fan automatic opening temperature 20 °C
Power input		DC12V/2A
Maximum power consumption		Less than 20W
Operating temperature		-20--55 ℃
Working humidity		10--85%
Shell size		12" shroud
System requirement		operating system：Microsoft Windows XP/Windows
		Browser: Microsoft Internet Explorer 6.x or above

SHENZHEN RISE ELECTRONIC CO., LTD.
Website: http://www.ideacamera.com   Email:cctv@ideacamera.com
Global Sources Homepage Address: http://www.globalsources.com/ideacamera.co
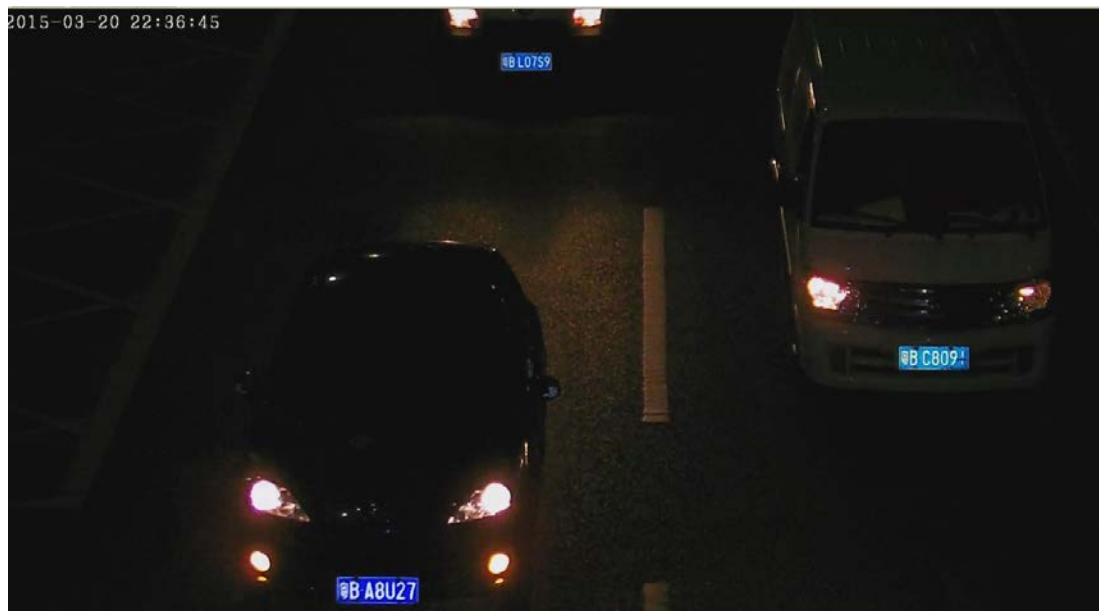
Measured results

15 kilometers per hour, lights off

Speed of 15 kilometers per hour, high beam open

80km/h vehicle passing effect

Measured effect of 120 km/h

Daytime real-time video screenshot

80 km/h License Plate Recognition Capture