

AI ANPR Camera For Smart Parking





Product overview:

Exit & Entrance LPR camera ,through the embedded system architecture ,which can achieve the vehicle License Plate recognition and capture function ,Meanwhile with black & white list , large angle recognition ,special License Plate recognition ,coil mode filter non-motor vehicles , car color recognition function etc. It wildly used on different kinds of parking lot application.



Product Features:

- Built-in deep learning vehicle license plate recognition algorithm;
- Support black & white list (Hereinafter referred to as B/W list) management;
- Built in LED light, can be used for fill-in light at night recognition;
- The algorithm can automatic adjust camera image brightness per to environment light ,to ensure the image capture quality whole day;
- The algorithm can automatic adjust camera image brightness per to the vehicle license plate brightness, to ensure license plate recognition rate in smooth and backlight environment;
- Support video ,coil and coil & video hybrid trigger capture mode;
- Prime lens, can support from 2.8 to 10 meters recognition, automatic adjustment algorithm resolution;
- Support remote access and control;
- Support voice broadcast and two-way voice intercom
- Support real-time or offline SD card storage, when network recovery, can automatically upload capture data;
- Supports variety of SDK docking methods, it is more convenient for camera integration and development;
- Multi-IOs design, control the gate to open, close, normally open, normally closed, receive triggering and anti-crash ground signal, receive multi-channel gate state signal;
- Maximum support for 70°large angle LP recognition;
- Fully support for special License Plate recognition;
- Supports coil mode non-motor vehicle filtration;
- Use the latest CNN deep learning algorithm instead of OCR technology;
- Free API/SDK;
- -Best Solution for cloud platform/mobile payment/smart city/industry 4.0;

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ANPR/LPR Camera Technical Parameters:

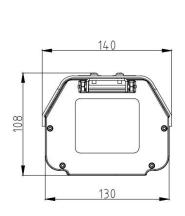
Types	ltem	Parameter	
Performance	Recognition rate	≥99%	
	Front detection	Support front-end recognition and direct output of license plate data	
	Identify license plate	Each country has its own independent version of the license plate	
	type	algorithm (customs and ports use the global algorithm)	
	Triggering mode	Video trigger, coil trigger, video trigger+coil trigger(3 Modes)	
	Image output	1620P(2880*1620),1440P(2560*1440),1296P(2304*1296),	
		1080P(1920*1080),960P(1280*960),720P(1280*720),D1(704*576)	
	Picture output	1620P(2880*1620),1440P(2560*1440),1296P(2304*1296),	
		1080P(1920*1080),900P(1600*900),720P(1280*720),540P(960*540)	
		,D1(704*396)	
	Ultra-wide dynamics	120dB	
	Video compression	H.264, H.265, MJPEG	
	format		
Hardware	CPU	ARM Cortex-A7 with arithmetic support	
	Sensor type	1/2.8" CMOS Image Sensor	
	Minimum	0.01Lux	
	illumination	O.OTEGX	
	Electronic	1/25 to 1/30,000 seconds	
	Lens	6mm fixed focus lens, optional 3.3mm~10.2mm zoom lens	
	Built-in light	4 high-power LED white lights (IR lights for option)	
	Net work	1*RJ45 10/100M adaptive network interface	
	communication	2*RS485 interfaces	
External interface	power supply	AC 220V/DC 12V	
	10	4 input & 3 output 3.5mm connecting terminals	
	storage	Support SD2.0 standard Micro SD(TF) card with a maximum	
		capacity of 32G	
	Power consumption	≤3.5W	
Working	Working	-35 to +75 degrees, <95% (no condensation)	
environment	temperature and		
	humidity		
	Protection level	IP67	
Appearance	Size(mm)	452(L)*148(W)*120(H)	
1-1	Weight (Kg)	2.7kg	

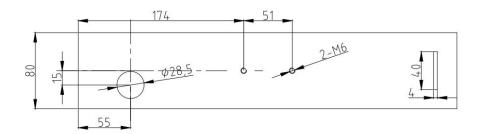
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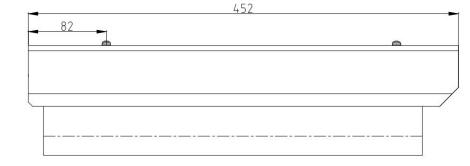
email: sales@dollysolutions.com



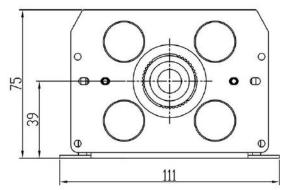
ANPR Camera Size:

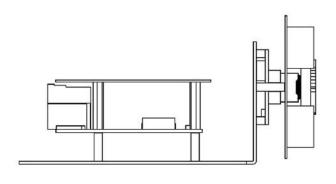


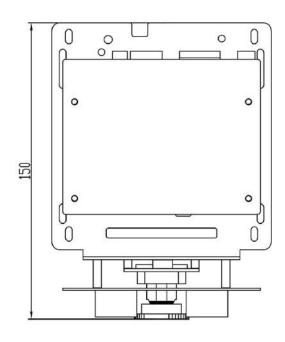




ANPR Camera Module:









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Display Screen Technical Parameters:

you can customize the display contents of the display screen.

Name	Specification	Color
Two line display screen	64*32cm	Red and green light
Four line display screen	128*64cm	Red and green light

Column Brackets:

the column and the appearance of the product are formed by cold-rolled iron sheet, strong and waterproof.

Fill light:



With an automatic light sense < 25Lux, the light will be automatically opened according to the surrounding environment of the project site, and will remain bright until the supplementary light detects that the surrounding environment becomes brighter, and the light sense will be automatically closed when it is greater than 25Lux.

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Power Supply	DC5V/2A (Red wire:+5V,Black Wire:COM)	
Rate power	12W	
Exposure distance	3-20meters	
Light sensor feature	Below 25LUX, instantly lit up;Higher than 25LUX, delay 15 Seconds to turn off the light.	
Features of Controller	the switch on and off is controlled by the German relay, which is stable and reliable.	
Lamp bead type	12PCS high brightness white light chip	
Light Angle	45~60 degrees	
Anti-glare treatment	Acrylic anti-glare optical lens + photocatalyst anti-glare grating	
Protection grade	IP65	
Shell material	tempered glass, die-cast aluminum	
Light weight	0.3KG	
Light dimension	155*120*23mm	

External Camera - License Plate Recognition All-in-one Device FYI (Custom Designs Accepted):



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Internal Camera - License Plate Recognition All-in-one Device FYI (Custom Designs Accepted):







