CP-LPR-01 HD all-in-one exit/entrance LPR (license plate recognition)

As the latest plate recognizing camera launched by Dpark, CP-LPR-01 HD all-in-one exit/entrance LPR has made a big leap than previous generations in electrical protection, adaptability to complicated lighting conditions, overall plate recognition rates and plate recognition algorithms. Widely applied at the exits/entrances of parking lots, 4S stores, highways as well as checking stations, the product is first choice for plate recognition system integration

Product features

I. High-precision vehicle detection algorithm

- The mature video vehicle detection technology can identify vehicles running at 0~40km per hour without stopping them for card swiping or embedding ground loops.
- support virtual loop-based unlicensed vehicle detection

II. Making better use of data value

III. Adaptive to complicated environments

- The 70-degree wide angle plate recognition can work under a variety of special circumstances: wide roads, short depth, vehicles from multiple directions, etc.
- Support ultra-wide dynamic image optimization and dynamic adjustment of plate image parameters, and adapt to complicated lighting scenarios: front/back lighting, inconsistent front/back plates, rain/snow

IV. Support diversified businesses

- Support built-in black/white lists
- Free SDK; support multiple linking solutions such as the dynamic link library (DLL) and com components; support a variety of development languages like C, C++, C#, VB, Delphi, Java,

Parameters

Hardware indexes	
Name	HD all-in-one exit/entrance license plate recognizer
Model No.:	CP-LPR-01
Processor	specialized license plate recognition chip
Sensor type	1/3" Progressive Scan CMOS
Minimum illumination	0.01Lux
Electronic shutter	1/25 to 1/30,000 seconds
Lens	CS interface, fixed iris, 6mm prime lens
Fill light	4 high-power LED white lights
Performance indexes	
Plate recognition rate	98%
Recognizable license plates	overseas version
Triggering mode	Video triggering, coil trigger, vehicle capturing rate≥99%
Image output	1080P（1920×1080）, 960P（1280x960）, 720P（1280x720）, D1（704x576）, CIF（352x288）
Picture output	2 mega-pixel JPEG
Ultra-wide dynamics	120dB
Video compression format	H.264 High Profile , Main Profile, Baseline , MJPEG
Electric and interface parameters	
Network interfaces	10/100M network adaptive, RJ45 adaptor
IO interface	2-route input/2-route output 3.5mm connecting terminals
Audio interface	1-Route input/1-route output
SD card	Support SD2.0 standard Micro SD(TF) card with a maximum capacity of 32G
Serial interfaces	RS485,
Power supply	AC220V
Power consumption	≤7.5W
Working temperature	-35℃~+70℃
Protection grade	IP66
Size (mm)	452(L)*148 (W)*120(H)
Weight	2.75kg