Parking Access Control
Parking Enforcement

License Plate Recognition
Embedded arithmetic
TCP/IP Interface

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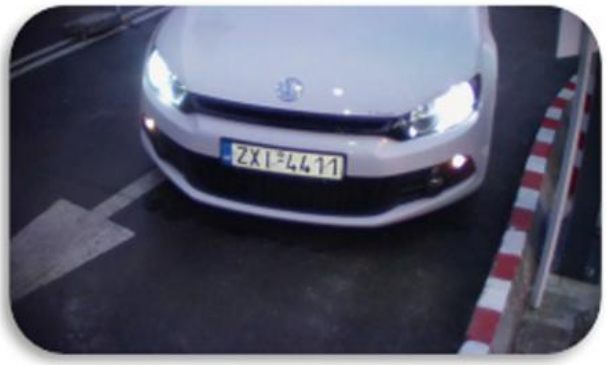

CMOS Sensor	1/2.5 Inch
Image Format	JPG YUV
Image Resolution	1,000,000 (720P, 1280*720) 2,000,000 (1080P, 1920*720, 1600*1200) 3,000,000 (2048*1536)
Speed of Vehicle	0~20km/h
Identification Speed	300ms/plate picture
The Format of Video Compression	H.264 , MPEG4 , MJPEG
Streaming Resolution	QCIF, CIF, D1, 720P/60fps, 1080P/30fps (max)
Video Transmission Protocol	RTSP real time
Electronic Shutter	1/30~1/10000 second
Lens	Maximum aperture: F1.4±5% Focal distance: 6-15mm±5% Manual adjustment
Interface	RJ45 10M/100M Ethernet
Input	1 switching value input
Output	2 switching value output
Power Supply	DC 12V, 1A
Consumption	Less than 12W
Working Temperature	-30°C ~ 70°C
Working Humidity	Less than 95% (25°C)
Dimension	340×230×101 (mm)
Weight	2.5kg±10%
Access Speed	5s/car

■ Why distortion happened?

The number plate is not always been taken photos right from the camera. So the letters are far from camera would have distortion problem.

■ Bluecard Distortion Adjustment

Bluecard uses multi-color space to detect color of number plate, so camera can focus on the right area to get angle of plate and land-scape distortion ratio. We can get over 99% recognition rate with maximum angle of 25°

■ Master-Slave Solution

Bluecard employs master – slave mode to take photo. The master camera has embedded arbitrate algorithm to select the best results to control the parking system. This system brings a solution for wide road and bad angle situations.

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