Wintone

文通科技

Wintone® ANPR Camera

Introduction

Wintone ANPR Camera is a smart camera based on America Texas Instruments (TI) company's embedded system, it can also real-timely read car's number plate with High-performance, low-power dissipation, High-stability, and this software is developed by WINTONE company. It can be easily integrated and installed with other hardware, such as Lens, Outdoor Housing, Camera Mount and Illumination.

Functions

- Automatically read vehicle number plate character and color;
- JPEG image output;
- High-resolution image captured from 1.3 Megapixel high-definition camera;
- trigger coil to recognize;
- To provide the development interface of trigger coil.

Features

- To design with TI embedded system;
- To be easily integrated and installed
- High-stability, high reading accuracy；
- To support the development interface, and spend less time to integrate.

Specification

Product Components	High-definition camera(ANPR engine embedded in it), high-definition lens; outdoor housing, cardan joint, illumination, Camera Mount, Power
Image Device	1/2.5-inch, 1.3 Megapixel (4:3)
Processor	1GHz Cortex-A8, 800MHz DSP
resolution	1296×972（W×H）
Network interface	RJ45 10/100M
Communication interface	RS232（1）
lens mount	C/CS；
Lens focal length	6mm 9mm 12mm(optional)
Image adjustment	Automatic exposure gain
Power Source	DC12V；
Image form	JPEG(static)；
Camera starts time	12s;
Development approach	application programming interface
illumination	LED strobe
Camera Mount size	0.6m (High) or,1.2m(High)
operating mode	induction coil to trigger and recognition
Recognition speed	100—200ms；
Recognition rate	Day≥98%, Light≥95%;
Number plate pixel width	80—400 pixel
Car speed	<30km/h；
Recognition elements	Number plate character, color, credibility
Support car's number plate types	Blue NP, Yellow NP, Military NP, Police NP, Armed Police NP, Driver-training car's NP, Embassy car's NP and so on
Operation system	Windows XP, 2000, Vista, Win7 (32/64bit)

Application

- Car parking management
- Smart Parking Guidance System
- Exit & Entry management
- … …

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