alhua TECHNOLOGY

DHI-ITC302-RF1A-(IR)
3MP Traffic Picture Capture Camera

· High performance CCD image sensor, high color reduction degree, high sensitivity
· Embedded integration component design, built-in a variety of algorithms
· Rich variety of signal, data and communication interface
· Saving 30% power consumption compared to traditional solutions
· Temperature -40°C~+80°C, Humidity 10%~90%, suitable for the rough work scene

Overview

This new camera is mainly used in roadway ANPR system and red light enforcement system, devoting to Front-end License Plate Recognition. More than 98% vehicle capture rate, up to 95% ANPR rate and its capture speed can reach 200km/h, covering at most 2 lanes!

Technical Specification

Technical Data

Image Sensor	1 progressive CCD
Max. Resolution	3MP, 2048 (H)×1536 (V)
Lenses	C-Model. Automatic control (P-IRIS drive)
Video Frame	Up to 25 fps
Camera Speed Shutter	1/25~ 1/100000
Day/Night	Auto ICR (with polarized lens and infrared filter)
Lamp	White /IR light
Video Signal Interface	1 ×CVBS port and 2 ×100/1000M Ethernet port
Digital I/O	2 Relay output – 1 optical coupling input – 8 optical coupling input
Extra Interface	2 ×Mini USB and 1 ×SD interface

Power,Size,Environment

Power	DC12V, Max. 15W
Working Environment	Temperature -40°C~+80°C, Humidity 10%~90%

Software Features

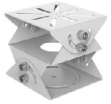|	
License Plate Recognition (LPR)	Embedded
Monitor Lane	1-2 lanes
Video Compression	H.264H, H.264M, H.264B, MJEPG
Remote control function	Configure through WEB client
OSD information superimposed	Information of the picture includes time and place (channel address), lane information (number, direction), plate information(license plate), vehicle information (speed and the type of vehicle), illegal (illegal event name and the illegal code) and so on.
ImageRecordsTamper-resistance	Video/Image with watermark tech and check function

Certificaions

CE	SECE1505159
FCC	SEFV1505159

ONVIF ◆PSIA

Ordering Information

Type	Part Number	
3MP camera	DHI-ITC302-RF1A	Support white lamp
	DHI-ITC302-RF1A-IR	Support IR lamp

Accessories

Optional:

Bracket   Lens   Housing

Dimensions (mm/inch)