dahua
TECHNOLOGY

DHI-ITC352-RU2D-(IR)L

3MP Deep Sense Traffic Camera

· Adopting high-performance multi-core processor
· Adopting high-performance image sensor
· Adopting ISP function
· Adopting deep-learning intelligent algorithm
· Multiple signals,data and communicant port
· Precisely sychronizing signal input & output
· Innovative and creative on the ITS concept & implementation·
· All-in-one integrated design (trigger detection, behaviour analysis & information recognition)
· Impeccable low-energy comsumption AIO design
· Build-in HD camera,interface connector,easy to install and debug.

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	1/1.8 inch Global Shutter CMOS
Max. Resolution	3 MP, 2048 (H)×1536 (V)
Lenses	Motorized/ Auto Iris(DC)
Focal Length	10 ~ 40mm
ANPR Distance	18 ~ 25 m
Video Frame	Up to 25 fps
Camera Speed Shutter	1/50 ~ 1/100000
Day/Night	Auto ICR (with polarized lens and infrared filter)
Lamp	White /IR light
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D

Network

Interoperability	CGI, SDK, Onvif
Web Viewer	IE8,IE9,IE10,IE11,Chrome V33, V41
Protocol	IPv4/IPv6, HTTP, TCP/IP, UDP, NTP, DHCP, DNS

Intelligence

License Plate Recognition (LPR)	Embedded
Vehicle Detection	Supports vehicle video detection with high detection rate; supports vehicle direction detection
Detection Model	Supports Video detection or radar detection
Vehicle Data Structuring	vehicle brand, vehicle size, vehicle color detection and etc.
Vehicle Size Detection	Supports 11 vehicle sizes detection:large bus, heavy truck, medium truck, sedan, minivan, light truck, SUV, MPV, medium bus, pick-up and minicar.
Vehicle Color Detection	Supports 11 colors detection(daytime):white, black, blue, red, yellow, green, pinkish purple, gray, brown, orange and silver.
Violation Detection	Overspeed, red light running, etc.
Flow Detection	Statistical data of each lane: time, date, statistical period, lane, traffic flow, occupancy, headway, average speed, queue length, vehicle type
Video Tamper-proofing	Video/Image with watermark tech and check function

Onvif **PSIA**

Interface

Ethernet	2 × 100/1000M Ethernet port
Extra Interface	2 × USB and 1 ×FD Card
RS485	2
RS232	4
Alarm I/O	2 × Alarm out / 4 × Alarm in 7 × Optical coupling output

Power,Size,Environment

Power	AC110~220V, Max. 30W
Working Environment	Temperature -40°C~+80°C, Humidity 10%~90%
Dimensions	544mm × 195.5mm × 171.5mm
Ingress Protection	IP67
Weight	8kg

Certifications

Certifications	CE FCC

Ordering Information

Type	Part Number	Description
3MP camera	DHI-ITC352-RU2D-L	Support white lamp
	DHI-ITC352-RU2D-IR	Support IR lamp

Dimensions (mm/inch)