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TECHNOLOGY

# DHI-ITC235-TU1A

## 2.3MP Traffic Flow Analytics Camera

· All-in-one camera(EXCEPT LENS)
·Adopt 1/1.9inch Starlight CMOS image sensor, high color reducibility, high sensitivity, super Low-Light effect
·Adopt H.264 standard HD video format and 25fps HD video frame rate
·Embedded integration component design, built-in a variety of algorithms, such as traffic data collection and analysis, vehicle type classification and so on
·Up to 80m of traffic data counting range
·The accurate of detection is over 99%, when the speed is below 80km/h
·A variety of signals, data and communication interface

## Overview

This new camera is mainly used in roadway traffic flow analytics system , devoting to traffic data counting. The accurate of detection is over 99%, when the speed is below 80km/h  and covering 1-4 lanes!

## Technical Specification

### Technical Data

| | |
|---|---|
| Image Sensor | 1/1.9inch CMOS(8.58mm) |
| Max. Resolution | 2.3 Megara, 1920×1200 |
| Lenses | Support P-Iris |
| Camera Speed Shutter | 1/25 ~ 1/100000 |
| Day/Night | Auto ICR (with polarized lens and infrared filter) |
| 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 | AC 90~285V  ,<25W |
| Dimensions | 540mm×174.2mm×143mm |
| Ingress Protection | IP66 |
| Working Environment | Temperature -40°C~+80°C, Humidity 10%~90%, H: 110˚~ 36 ˚ |

## Software Features

| | |
|---|---|
| Traffic Data Counting | Performance: Up to 4 line for traffic data counting Vehicle type: Passenger Car, Large Truck, Mid Truck, Saloon Car, Micro bus, Micro Truck Statistical data of each lane: time, date, statistical period, lane, Traffic flow, occupancy, headway, average speed, queue length, vehicle type of each line |
| Monitor Lane | 1~4 lanes |
| Video Compression | H.264H, H.264M, H.264B, MJEPG |
| Remote control function | Configure through WEB client |
| OSD information superimposed | Support, Information of the video include time and place (channel address), Lane information (number) |
| ImageRecordsTamper-resistance | Video/Image with watermark tech and check function |

### Certificaions

| | |
|---|---|
| CE | SECE1606281 |
| FCC | SEFD1606281 |

**ONVIF**  **PSIA**

## Accessories

**Optional:**


Bracket 8018


Lens

## Dimensions (mm/inch)



540

205

14.3

174.2

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