

# DHI-ITC302-RU1A-HL/IRHL

## 3MP Traffic Picture Capture Camera



- All-in-one camera(EXCEPT LENS)
- Built-in HD camera ,heater,lamp, easy to install.
- 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
- Built-in thunder-proof module to prevent being struck by lightning
- 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	1/1.8 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
Speed Range	0~200km/h

#### Power,Size,Environment

Power	AC 90~265V, Max. 87W w/o adapter(Camera: Max. 15W, LED Lamp: Max. 6W,Fan: Max. 16W, Heater Max. 50W)
Dimensions	540mm×205mm×143mm
Ingress Protection	IP66
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, MJPEG
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 and color), vehicle information (speed, vehicle length, body color 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

#### Certifications

CE	SECE1606281
FCC	SEFD1606281

**Ordering Information**

Type	Part Number	
3MP camera	DHI-ITC302-RU1A-L	Built-in white light
	DHI-ITC302-RU1A-HL	Built-in heater,white light
	DHI-ITC302-RU1A-IRL	Built-in IR light
	DHI-ITC302-RU1A-IRHL	Built-in heater,IR light

**Accessories**

**Optional:**



Bracket 8018



Lens

**Dimensions (mm/inch)**

