

## Traffic Flow Analytics Camera



### Ordering Information

DHI-ITC235-TF1A

ITC235-TF1A

### Features

- > 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

### Specifications

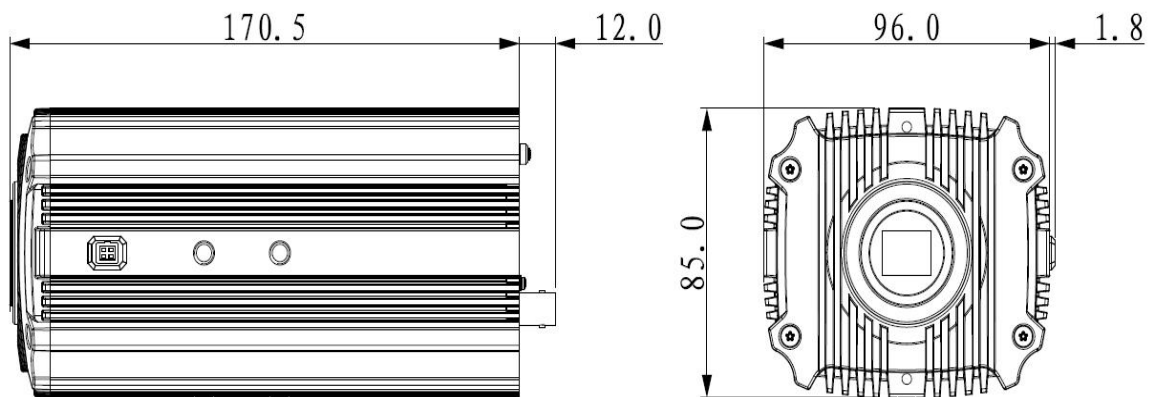
Model		DHI-ITC235-TF1A
General	Resolution	2.3 Megara, 1920×1200
	Image Sensor	1/1.9inch CMOS(8.58mm)
	Sensor pixel size	3.75×3.75
	Image Compress Mode	JPEG
	HD Video Compression	H.264H、 H.264M、 H.264B、 MJPEG
	HD Image Resolution	1920×1200
	HD Video Resolution	1920×1200
	HD Video Frame Rate	25fps
	Camera Speed Shutter	1/25~1/100000
Image parameter	Multi-channel Integration	Support
	Edge Enhancement	Support
	Dead Pixel Correction	Support

## DHI-ITC235-TF1A

	Automatic Noise Reduction	Support(3D Noise Reduction)
	Auto Exposure(AE)	Support(Fully auto/ Custom interval auto/Custom)
	Auto White Balance(AWB)	Support(Fully auto/color temperature range auto/Custom)
Interface	Loop I/O input	8 loop, optocoupler input (switch)
	Alarm Input	1 loop, optocoupler input (switch)
	Alarm/Wiper controller Output	2 loop, relay output
	External frequency source synchronous input	1 loop,( Select the external synchronization option take effect automatically)
	Video signal interface	1 CVBS
	Network interface	2 100/1000M Ethernet port
	Data interface	1 RS232 serial port,3 Radar serial(RS232), 2 Vehicle inspection / signal detector port(RS485)
	Auto Iris	Support P-Iris
	Lens Interface	CS
	Video Detection Trigger	Support
Special Function	Counting Range	15-80m
	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
	SD Card Storage	Support
	Remote Control Function	Support through Web client config and control
	OSD information superimposed	Support, Information of the video include time and place (channel address), Lane information (number)
	Image Records Tamper-resistance	Support, Video/Image with watermark tech and check function
Environmental	Power Supply	DC12V
	Average Power Consumption	<15W (Without Adapter)
	Operating Environment	Temperature - 40℃ ~ + 80℃, humidity10%~90%
	Dimension	170mm×96mm×85mm
	Weight	1.3 Kg

## DHI-ITC235-TF1A

### Dimensions (mm)



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\*Design and specifications are subject to change without notice.