

iDS-TCS800-CI Traffic Incident Detection Camera



- 8 MP (1/1.2" CMOS), 3840 × 2160 @ 25 fps
- Color: 0.001 Lux@(F1.4, AGC ON)
- H.265, H.264, MJPEG
- Built-in supplement light
- Traffic flow detection
- Incident detection
- Built-in micro SD/TF card slot, up to 128 GB



Specification

Max. Resolution 3840 × 2160 Min. Illumination Color: 0.001 Lux@(F1.4, AGC ON), 0.0005 Lux with IR Shutter Time 50 to 20000 us Lens Focal Length & FOV 1550 (default): CS-Mount, Horizontal: 42.7" to 13.7", Vertical: 23.4" to 7.6", Diagonal: 49.7 to 15.8" 5721: CS-Mount, Horizontal: 106.5" to 33.1", Vertical: 60.2" to 18.7", Diagonal: 121.4" to 37.8" Video Wain Stream 50 Hz: 25 fps (3840 × 2160, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 1920 × 1080, 1280 × 720) 50b Stream 1920 × 1080, 704 × 576 H.264 and H.265 encoding Main stream: H.265/H.264/MJPEG Video Compression 40 Hz.264 and H.265 encoding Video Bit Rate 32 kbps to 16 Mbps H.264 Type Baseline profile/Main profile/High profile H.265 Type Baseline profile/Main profile/High profile Network Protocols 7CP/IP, HTTP, DNS, RTP, RTSP Security User name and password authentication, HTTPS Digital certificate Web Browser 1E7+ Image Settings Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser. Day/Night Switch Auto/Scheduled/Triggered by alarm in Image Enhancement 3D DNR Interface Ethernet Interface 11 RJ45 10 M/100 M/1000 M self-adaptive Ethernet interface; 1 1000 M fiber interface On-board Storage Built-in microSD/TF card slot, up to 128 GB Alarm 1 output interface RS-485 1 RS-485 interface (half duplex, HIKVISION) Event Coverage 2 to 3 lanes	Camera				
Shutter Time	Max. Resolution	3840 × 2160			
Lens 1550 (default): CS-Mount, Horizontal: 42.7° to 13.7°, Vertical: 23.4° to 7.6°, Diagonal: 49.7 to 15.8° 5721: CS-Mount, Horizontal: 106.5° to 33.1°, Vertical: 60.2° to 18.7°, Diagonal: 121.4° to 37.8° Video Video SO Hz: 25 fps (3840 × 2160, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 1920 × 1080, 1280 × 720) 80 Hz: 26 fps (3840 × 2160, 1920 × 1080, 1280 × 720) 90 Hz: 30 fps (3840 × 2160, 1920 × 1080, 1280 × 720) 90 Hz: 30 fps (3840 × 2160, 1920 × 1080, 1280 × 720) 91 Hz: 46 and Hz: 465 encoding 91 Hz: 46 and Hz: 465 encoding 92 Main stream: Hz: 465/Hz: 464/MJPEG 92 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 92 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 93 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 94 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 94 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 95 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 95 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 97 Mz: 45 mz Hz: 465/Hz: 464/MJPEG 98 Mz: 465 mz Hz: 465/Hz: 464/MJPEG 98 Mz: 465 mz Hz: 465/Hz: 464/MJPEG 98 Mz: 465 mz Hz: 465/Hz: 464/MJPEG 98 Mz: 466/MZ: 464/MJPEG 98 Mz: 466/MZ: 464/MJPEG 98 Mz: 466/MZ: 464/MJPEG 9	Min. Illumination	Color: 0.001 Lux@(F1.4, AGC ON), 0.0005 Lux with IR			
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Ethernet Interface 1 1000 M fiber interface On-board Storage Built-in microSD/TF card slot, up to 128 GB Alarm 1 output interface RS-485 1 RS-485 interface (half duplex, HIKVISION) Event Basic Event HDD Error, network disconnected, IP address conflicted, vehicle detector exception, traffic light detector exception Road Traffic and Vehicle Detection	Interface				
Alarm 1 output interface RS-485 1 RS-485 interface (half duplex, HIKVISION) Event Basic Event HDD Error, network disconnected, IP address conflicted, vehicle detector exception, traffic light detector exception Road Traffic and Vehicle Detection	Ethernet Interface				
RS-485 1 RS-485 interface (half duplex, HIKVISION) Event Basic Event HDD Error, network disconnected, IP address conflicted, vehicle detector exception, traffic light detector exception Road Traffic and Vehicle Detection	On-board Storage	Built-in microSD/TF card slot, up to 128 GB			
Event Basic Event HDD Error, network disconnected, IP address conflicted, vehicle detector exception, traffic light detector exception Road Traffic and Vehicle Detection	Alarm	1 output interface			
Basic Event HDD Error, network disconnected, IP address conflicted, vehicle detector exception, traffic light detector exception Road Traffic and Vehicle Detection	RS-485	1 RS-485 interface (half duplex, HIKVISION)			
Basic Event traffic light detector exception Road Traffic and Vehicle Detection	Event				
	Basic Event				
Coverage 2 to 3 lanes					
-	Coverage	2 to 3 lanes			



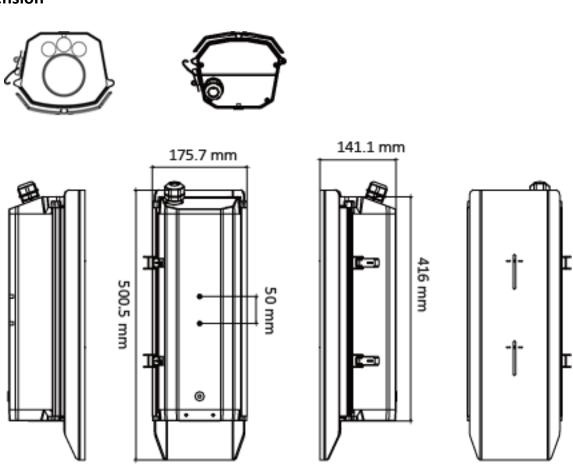
Smart Function	Vehicle type, lane flow, lane speed, space headway, time headway, lane time occupancy rate, lane space occupancy rate, queuing length, and traffic status Driving on the lane line, lane change, wrong-way driving, stopped vehicle, emergency lane occupation, roadblock, construction, fallen object, pedestrians, congestion, fire/smoke in tunnel detection	
General		
Power	24 VDC ± 20%, PoE (802.3at, class 4), 24 W MAX	
Dimension	175.7 × 141.1 × 500.5 mm (6.9" × 5.6" × 19.7")	
Weight	Approx. 6.5 ± 0.5 kg (14.3 ± 1.1 lb.)	
0 1: 0 1:::	Temperature: -30 °C to 70 °C (-22 °F to 158 °F)	
Operating Condition	Humidity: 95% or less (non-condensing)	
General Function	Heartbeat, password protection, NTP time adjustment	
Approval		
Protection	IP66	

Available Model

iDS-TCS800-CI/1550/H1

Dimension

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Accessory

DS-1275ZJ-HWB/600mm DS-1130-HWB/110-300 Vertical Pole Mount	DS-1701ZJ/HWB Wall Mount	DS-1278ZJ-HWB Horizontal Pole Mount
		8

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