

iDS-TCO200-A Vehicle Video Detector



Superiority

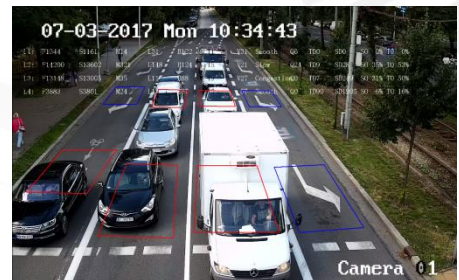
- Dedicated camera for traffic flow
- Built in deep learning algorithm
- Multiple sensitive vehicle detection zones
- Non-intrusive & above-ground installation

Key Features

- Real-time traffic monitoring & view
- Real-time vehicle presence status output
- Traffic data collection & congestion detection
 - Lane Flow
 - Average Vehicle Speed
 - Time Headway
 - Space Headway
 - Time Occupancy
 - Space Occupancy
 - Lane Queue Length
 - Vehicle Type (Large, Small, Motorcycle)
 - Lane Traffic Status (Smooth, Slow, Congested)
 - Congestion Level (three levels)

Application

- Intersection
- Urban road
- Tunnel



Specifications

Software features and Performance	
Coverage	Up to 4 lanes (3 lanes recommended for best performance)
Detection Zones	8
Detection (traffic flow)	>98%
Detection Distance	10m - 100m (depends on height and lens)
Installation Height	6m - 15m
Configuration	
Web Server	Support
TCP/IP Server	SDK
Date and Hour(Synchronization)	NTP/GPS(optional)/ Manual
Software Update	Web Interface/ SDK
Data Transmission	
Standard Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNSRTP,RTSP,NTP,FTP
Serial Port	1 RS-485 interface, 1 RS-232 interface
Data Outputs	RS-485; TCP/IP; I/O
System	
Camera	2MP (1/1.8" CMOS), max. 1920×1080, frame rate: 25 fps
Compression	H.265/H.264/MJPEG
Streaming	RTSP
API	ONVIF (Version 2.1), PSIA
Lens	CS-Mount, 11mm-40mm (optional: 3.8mm-16mm) C-Mount(with adapter ring needed)
Operating System	Linux
Digital I/O	4ch input, 3ch output
Connector	Waterproof circular connector
IP Protection	IP66
Ethernet	1 RJ45 10M/100M/1000M Ethernet port
Storage	TF card up to 128G
Technical Data	
Certifications	CE
Operating &Storage Temperature	-30 °C to +70 °C(-22°F to +158°F), Humidity 95% or less (non-condensing)
Operating & Storage Humidity	5% ~ 95%@40°C (104°F), non-condensing
Dimensions	139×114.5×502.5mm (5.47×4.51×19.78 inch)
Weight[kg]	4.5±0.5kg(9.9lb±1.1lb)
Power supply voltage	100VAC ~ 240VAC; Frequency: 48Hz ~ 52Hz
Power consumption	<6W

Available Models:

iDS-TCD200-A

Dimensions

