



PRODUCT SPECIFICATIONS:

STATTRAK BI-DIRECTIONAL SPEED AND VOLUME TRAFFIC COUNTER

StatTrak Counter and Classifier

- Front fire, tracking Doppler radar unit
- Non-intrusive side of road or median data collection
- Speed and Volume measurements on per vehicle basis for up to four lanes with vehicle counts by direction
- Basic classification – small, medium and large (factory preset)
- Very low power, 0.15 Watts
- Self-contained, no other cabinets needed
- **Dimensions:** 6.73" x 4.76" x 3.15" (171mm x 121mm x 80mm)
- **Weight:** 3lb (1.4kg)
- Works in all weather and light conditions
- FCC certified and CE listed
- Communication
 - o Built in Bluetooth (Class 1, long range – up to 1000')
 - o Data and power cable with USB and charger connections
 - o RS232 interface (optional - replaces USB and BlueTooth)
- Windows application to analyze vehicle count data from local collection with detailed reports
- Android App for setup with current readings
- Protective carrying case (optional)
- GPS (optional)

Installation Parameters

- **Four lanes maximum:** Two from side of road (same direction or approach and recede) and four from median (two on either side of median, approach and recede). Counts per direction
- Simple installation. No calibration, no measurements, no trigonometric computations are required on the road
- **Mount height:** 7-12 feet
- Measures lanes up to 36' from center of unit
- Weatherproof security switch for turning unit on and off, NEMA 4X polycarbonate enclosure, weatherproof connectors
- Audible beep to indicate passing vehicles during setup facilitates high-confidence deployment
- **Operating temp:**
 - o Electronics: -40C to 60C
 - o LFP battery: -20C to 60C

Radar

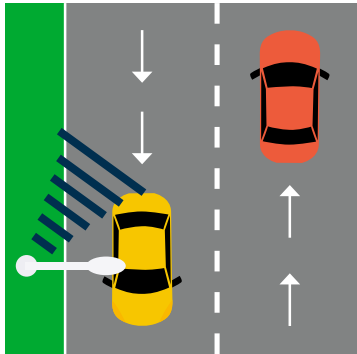
- 5mW maximum
- 24.020-24.230 GHz (K Band)
- Beam angle: 20° x 60°

Performance

- **Volume Accuracy typical:**
 - o 90% in 2 lanes
 - o 95% single lane
 - o Data Analysis

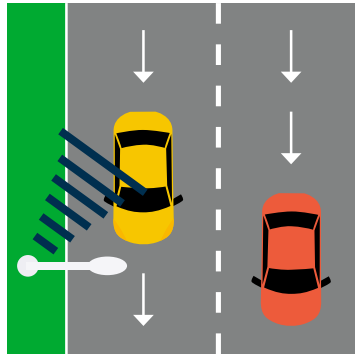
BIDIRECTIONAL

Two lanes, with unit mounted on the side.



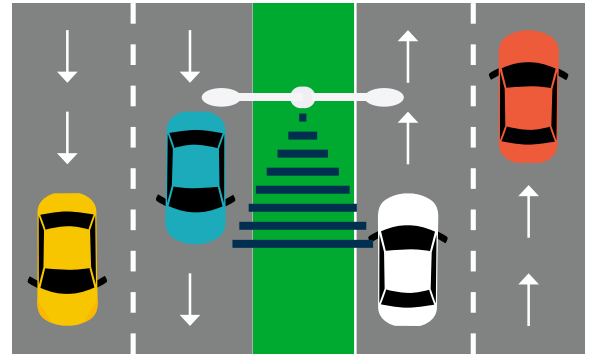
UNIDIRECTIONAL

Two incoming lanes with unit mounted on the side.



BIDIRECTIONAL

Two incoming/two outgoing lanes with unit mounted on a median.



Traffic speed, volume and classification reports

- Local download through Android or PC
- TrafficCloud Web-based Management Services
 - o Automatic remote data collection
 - o Turnkey, hosted system
 - o Variety of reports available
 - o Alerts for high speed, congestion and power status
 - o Map view with locations of all equipment
 - o SDK available for API
 - o Includes modem and cellular service

Data Storage

- o Data available real time, also stored in device memory
- o Onboard storage for 315,000 vehicles

Power

- **Input:** 12VDC, 0.15W
- Internal LFP (LiFePO4, 66Wh) battery provides operation for up to 10+ days for temporary installations
- AC Charger, 2A LFP charger for 3.5 hour recharge time
- Internal MPPT solar charger controller for optimal solar charging (optional)
- 5W solar panel (optional)



Take a demo of TrafficCloud™, our secure, web-based traffic management and reporting solution that manages all your traffic safety devices and data remotely!

Call **866.366.6602** or email sales@alltrafficsolutions.com