

Titan TC-400 Radar Speed Sign

Lightweight...Portable...Affordable

The Titan TC-400 is a battery powered radar speed sign offering the ultimate in portable traffic calming. Using a new modular design, and built with the legendary quality standards that Radarsign is known for, the Titan TC-400 is lightweight, easy to install, extremely durable and affordably priced.

Lightweight - Radar speed sign weighs only 20 lbs.

Modular Design - The new modular design of the radar speed sign along with the mounting technology of Radarsign's GoBracket make mounting and un-mounting the sign a quick, easy process. One person can easily install or relocate the Titan TC-400 in about a minute.

Field exchangeable battery packs - Runs for +/- 2 weeks on fully charged battery packs. Modular design allows the battery packs to be easily swapped in the field for the extended use of the sign in a location.

Affordable - The TC-400 is a portable system that allows a single radar speed sign to be used in multiple locations making it a valuable investment for any community, police department, or business.

- Target problem speeding areas in neighborhoods, private communities, school zones and corporate campuses, work and construction zones
- A great alternative to speed trailers at less than half the cost; can be used in many locations where a speed trailer will not fit or would be unsafe
- Seasonal applications such as back to school, summer tourist, holiday shopping
- Anywhere a short term use is desired

Durable - Internal .25" Bashplate to protect components from abuse or vandalism

Exceptional visibility - 11" super bright amber LEDs with directional beam technology focus light toward the road; automatically adjusts to ambient light conditions, providing the highest quality viewable display with minimum energy usage. Easily readable up to 500 feet.

Faceplate - 24"W x 21"H YOUR SPEED faceplate with 3" lettering; Available in white, fluorescent yellow, or safety orange

Design Standards - Meets MUTCD design guidelines

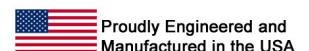
Radar - Detects vehicles up to 1200 feet away

Bluetooth® Communication - Allows secure wireless operation of radar speed sign and data collection directly to laptop from the comfort of a nearby vehicle

Warranty - Two year warranty on parts and labor; One year on battery packs.

Does not cover malicious abuse, theft, or damage due to unauthorized modification.

Traffic Data Option - Radar speed sign records traffic data that can be used to confirm date, time, and severity of speeding problem. Requires optional *Streetsmart* software license to generate charts and graphs.



TC-400 Radar Speed Sign Specifications

Power Options

- > TC-400 (Battery Powered): Dual 12-volt, 18 A/H Ni-MH battery packs; includes AC adapter/charger
- > Power Consumption: < 2.5 amps (24w) at maximum intensity; Idle mode < 1 watt; Circuit Breaker: Multi-circuit, 5 amp fuses

YOUR SPEED Faceplate

- > 24"W x 21"H YOUR SPEED faceplate with 3" lettering
- > Manufactured with highest grade reflectivity backing
- > Available in white, fluorescent yellow or safety orange

Standard Programming

- > *On/Off Timer Options:* 4 timers per day, also by day of week. Settings allow lower speed limits for school zone times and for late night display shutoff.
- > *Display On/Off:* Allows traffic data collection to continue even when display is off
- > *Display Brightness Control:* Auto adjusts to light conditions, up to 100 levels
- > *Setup Functions:* Easy to follow menu - software managed, no mechanical switches to operate
- > *Maximum Speed Cutoff:* Prevents unwanted high speed displays; up to 99 mph; discourages "racing" of sign. Choice of flashing matrix, or LED display cutoff.
- > *Date/Time Control:* Battery backed real-time clock auto-adjusts for daylight savings time

Speed Alert

- > 2 speeds of flashing LEDS to notify drivers that are exceeding the speed limit
- > Delay option to alert speeders above posted speed limit

Mini-SD Memory Card

- > System Storage Capacity: stores data on up to 5 million vehicles

Bluetooth® Communication

- > Allows secure wireless operation of radar speed sign and data collection directly to your laptop from the comfort of a nearby vehicle



Operating Temperatures

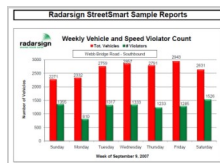
- > -40° F to +138° F

Weight

- > Radar speed sign: 20 lbs.

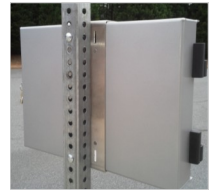
Traffic Data Option

- > StreetSmart Traffic statistics software to report, organize and analyze speed and traffic data



Radar Speed Sign Housing

- > Dimensions: 16.25"H x 22.75"W x 2.375"D
- > .1875" thick aluminum with silver powder coat finish
- > NEMA 3R level compliant
- > Humidity Maximum: 100%
- > Provides maximum protection from the elements & vandalism



BASHPLATE™ with LED cones

- > Internal .25" aluminum shield to protect components from abuse or vandalism
- > Conical holes for each LED focus and reflect light toward the road, providing the highest quality viewable display with minimum energy usage.



Battery Housing

- > 12.5"H x 17"W x 2.75"D
- > .1875" thick powder-coated aluminum
- > Holds up to two 12 volt, Ni-MH battery packs (field exchangeable)



LEDs

- > 2 digits, 11" high super bright amber LEDs (life up to 100,000 hours) with directional beam technology
- > Automatic intensity adjustment to ambient light conditions for maximum visibility



GE Lexan™ Display Cover

- > .25" thick protective cover
- > Abrasion, graffiti and shatter resistant
- > UV protection



Radar

- > Type: K Band, single direction Doppler radar, FCC part 15 compliant
- > Sensor Range: Detects vehicles up to 1200 feet
- > Beam Width: 12 degrees, +/- 2 degrees
- > Operating Frequency: 24.125 GHz, +/- 50 MHz
- > Accuracy: +/- 1 mph
- > Speed Detection Range: 5 - 127 mph

Stainless Steel Mounting GoBracket

- > 12.75"H x 4.5"W x 2.9"
- > Universal design allows strapping, banding, pipe clamps, or bolting to almost any size/style of pole
- > GoBracket allows for easy mounting of battery housing and radar speed sign in about a minute



Warranty

- > 2 year warranty on parts and labor; 1 year on battery packs
- > Exceptions: Does not cover malicious abuse, theft, or damage due to unauthorized modification