

## 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 pack. 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
- > 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
- > Neighborhoods, private communities, school zones and corporate campuses, work and construction zones
- > 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.

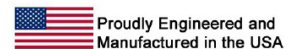
**Traffic Data Option** - Radar speed sign records traffic data that can be used to confirm date, time, and severity of speeding problem. Requires optional *Streetsmart* software license to generate charts and graphs.



**Exceptional visibility**



**Modular design**



# 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

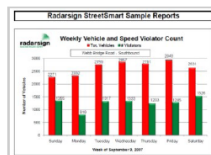
- > -40° F to +138° F

## Weight

- > Radar speed sign: 20 lbs.

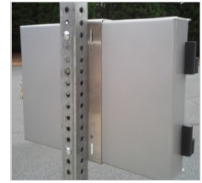
## Traffic Data Option

- > 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 less than one 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