

# TOUGHSAT T-100

A Half-Mile Wireless Access Point Trailer



## BROADBAND INTERNET ACCESS POINT

Complete T-100 XP systems starting at **\$29,999**

These self-contained high-speed multi-purpose communications trailers can be quickly deployed at any location to establish a 2700' (.8km) wireless connection point for high-speed Internet and phone traffic. Create a command post in minutes or use the system to stream live video from a remote sporting event. The Toughsat 1.2 meter and .98 meter mobile satellite systems from Ground Control will with a touch of a button, connect in less than 3.5 minutes, in any environment, in any weather condition... Everywhere.



## T-100 GENERAL FEATURES

- ▶ The Toughsat XP. Ruggedized for harsh conditions.
- ▶ Easy operation - requires little or no training to operate.
- ▶ Broadband speeds of 5 Mbps down, 2 Mbps up.
- ▶ Wireless "G" access point with half mile (2700 foot) range.
- ▶ Optional VoIP phone capability with priority traffic.
- ▶ Honda EU1000i (1000 watt) generator (2000w available).
- ▶ Aluminum & stainless steel construction.
- ▶ Shock resistant cabinet to protect electronics.
- ▶ 4 hand-crank stabilizing jacks with security belts.
- ▶ Toughsat controller with wireless & 4 port router.
- ▶ User configurable screens with any browser.
- ▶ Satellite modem - iDirect iNfiniti 3100.
- ▶ Power conditioner (1RU) for 8 connected devices.
- ▶ Large enclosed storage bay. (62"L x 46"W x 24"H)
- ▶ 2" trailer ball with locking/removable tongue.
- ▶ Onboard cabinet lighting (functions without generator).
- ▶ DOT ready (Department of Transportation).
- ▶ Hand truck dolly for easily moving trailer.
- ▶ Four helicopter D-rings for aerial transportation.
- ▶ Weight fully loaded is under 1400 lbs.

## ENGINEERED FOR ENDURANCE

This aluminum and stainless steel construction trailer was designed from the ground up to be durable on any road, or simply for long term storage. Its lightweight suspension is perfect for long travels or dirt roads and internal electronics are protected in a shock resistant cabinet. Of course the Toughsat XP from Ground Control is built rugged tough.

## SIMPLE OPERATION

T-100 trailers come fully self-contained. Making it operational is as easy as starting the generator, and pressing the "Find Satellite" button on the Toughsat controller. The Toughsat will deploy, lock on satellite, and establish a long range wireless hotspot up to 2700' around the trailer for any in range computer, smartphone or other device. With our VoIP phone service, communication is easy as using as the phone on a desk. The onboard generator is extremely quiet and provides continuous power for 8 hours a gallon of gas.

## TOUGHSAT T-100





The T-100 is fully self-contained and easy to operate. One-Button deployment and a half-mile radius 802.11 wireless connectivity requires no special certification or licensing to use.



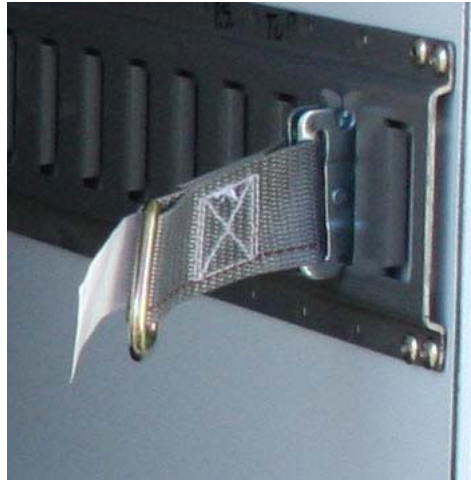
A 6RU rackmount case is locked behind a stainless steel weather-proofed trailer cabinet door. The rack-mount itself can be moved up to 50 feet from the trailer, and placed inside of a structure or tent if desired.



The 1000W Honda ultra-quiet generator is more than capable of handling the 90 Watts the system pulls at maximum power. It can run for more than 8 hours on a single tank (one gallon) of gas.



The weather resistant enclosed rear lockable storage bay includes a spare tire. Interior dimensions are 62"L x 46"W x 24"H.



Rails on the sides of the walls include with quick release strap to make any load secure.



Four helicopter D-Rings let the T-100 to be moved anywhere. The weight of the trailer fully loaded with all equipment is under 1400 lbs.



There are two high gain, range extending antennas that are both removable for added security when stored. The exposed connectors are protected by a weather proof metal twist cap.



An onboard battery powers cabinet lights and the trailer's emergency flashers when the generator is not running. Helpful for dark nights.



The T-100 can also be configured so the Toughsat dish on top of the trailer is boxed into our Flyaway Case for easy shipping of the satellite system anywhere.