

TOUGHSAT T-100

A Half-Mile Wireless Access Point Trailer



BROADBAND INTERNET ACCESS POINT

Toughsat T-100 Trailer

These self-contained high-speed multi-purpose communications trailers can be quickly deployed at any location to establish up to a half-mile (.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 weather condition... Everywhere.



SIMPLE OPERATION

The Ground Control T-100 trailers come fully self-contained and require no added equipment to establish a Wi-Fi hotspot. Operation is as easy as starting the generator and pressing the Deploy button on the Toughsat ACU (Antenna Control Unit). The dish will raise, lock on satellite, and automatically establish a long-range wireless hotspot up to a half-mile around the trailer for any in-range computers, smartphones or other IP devices. Our Dual-Matrix Service, exclusive with the TS2, allows you to choose one of two satellites on the same service plan at the touch of a button....the ultimate in redundant satellite communications.

With our VoIP phone service optimized for satellite, all voice communication is as easy as using as the phone on any desk.

ENGINEERED FOR ENDURANCE

These all aluminum and stainless steel construction trailers are designed from by us to be durable on any road or sever weather condition. Its lightweight suspension is perfect for long travels or dirt roads. Internal electronics are protected in a shock resistant weather sealed cabinet. The optional environmental temperature control package allows the trailer to work in blazing hot or freezing temperatures anywhere on the planet.

T-100 GENERAL FEATURES

- ▶ The Toughsat XP. Ruggedized for harsh conditions.
- ▶ Easy operation - requires little or no training to operate.
- ▶ Commercial Grade iDirect Service - Global Network.
- ▶ Wireless "G" access point with half mile (2700 foot) range.
- ▶ Dual Matrix Service - Two satellites for redundant security.
- ▶ Aluminum & stainless steel construction.
- ▶ Shock resistant cabinet to protect electronics.
- ▶ 4 hand-crank stabilization jacks with security belts.
- ▶ Toughsat TS2 ACU with wireless & 4 port router.
- ▶ User configurable screens with any browser.
- ▶ Satellite modem - iDirect Evolution X5 router.
- ▶ Power conditioner (1RU) for 8 connected devices.
- ▶ Large enclosed storage bay. (62"L x 46"W x 24"H)
- ▶ 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.
- ▶ Optional Honda Ultra-Quiet generator (1000 or 2000 watt).
- ▶ Optional environmental temperature control unit. Hot/Cold.
- ▶ Optional VoIP phone capability with priority traffic.
- ▶ Optional 30' tower - mount lights, antennas, cameras etc.

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 rackmount case itself can be moved up to 50 feet from the trailer, and placed inside of a structure or tent if desired.



The optional 1000 watt or 2000 watt Honda ultra-quiet generator is more than capable of handling the 100 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. Quick lock side straps keep loads secure while moving.



The optional environmental temperature control unit will keep electronic equipment warm or cool depending on the temperature.



This 1.2 meter T-100 is often used for mobile command posts in regions hit with disasters. The T-100 provides both broadband Internet and VoIP phone service.



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 flashes when the generator is not running. Helpful for dark nights.



The Toughsat TS2 ACU (Antenna Control Unit) is one-button easy to deploy the dish from any location. The performance iDirect X5 satellite router achieves commercial grade speed with our global iDirect network.