



## Ibis Tek

### Military Tower Trailer Unit

Ibis Tek's Military Tower Trailer Unit (MTTU) is designed and built for rugged terrain and operation in the harshest environments. The solution can be used housed and a central area, and activated as needed, or establish a temporary/permanent network. Ibis Tek has a standard MTTU platform, but prides itself on its ability to design, integrate and deliver customized solutions based on customer requirements.

The MTTU is designed to transport and support a payload of +/- 4,500 pounds. Environmental air handling systems are self-contained units and are selected based on enclosure size, operating environment and selected hardware. Generators are also customized to accommodate energy needs. Additional fuel capacity can be added to extend the run time of generators in the case of long power outages.

#### Military Products

Ibis Tek, LLC is a leading defense supplier experienced in meeting time critical deliveries of high-quality, innovative products to the military

- Opaque / Translucent Armor
- Advanced Lighting
- Tactical Accessories



#### Specifications

- Standard elevation 106 feet
- Self-supporting / **climbable** mast
- Heavy duty galvanized tower support structure
- Aircraft quality galvanized or stainless cables
- **Capable of being deployed** and elevated to its full height by one person **in less than 30 minutes**
- 4 heavy duty retractable and locking stabilizer outriggers
- Transportable via C130
- The **tower itself can be lowered and raised in less than 8 minutes**
- Capable of meeting and/or exceeding Military specifications for grounding, electronic transmissions, paint and structure.

# Ibis Tek

## Military Mobile Tower Trailer Unit



---

## Options

### Pyro Tarp Coating

The coating is light weight, very durable and is highly effective in protecting many substrates from the effects of fire. Usually an application of no more than 0.010 inches (10 mils), roughly the thickness of a business card, is adequate to make aluminum, fiberglass and many composites resist fire to well over 2000°F. The coating is applied to the enclosure housing the equipment as an additional measure of protection against fire.

### Ballistic Proof Plating

As an added means of protection, Ibis Tek offers the ability to safeguard hardware investments and minimize down-time in hostile environments by offering ballistic protection of critical components. This solution is built to suit based on critical component requirements and locations on the trailer.

### Horizontal Communications

Ibis Tek offers a variety of backhaul, point-to-point, point-to-multi-point and mesh links to provide either an alternate means of communication or a complimentary means of transporting cellular traffic among various network points.

### Surveillance / Reconnaissance

Wireless cameras can be strategically placed on the mast to accommodate surveillance and reconnaissance capable of infra-red and night vision.

**Contact Ibis Tek for a Quote to meet your specific mission objectives**