



## **Locate, Optimize and Track Wireless Connections**

Broadband Antenna Tracking Systems (BATS) technology can automatically locate, maintain, continuously optimize and track the connection between two fixed or mobile wireless broadband access points in seconds.

BATS technology will automatically reposition the directional broadband antenna to track mobile devices or access points and continuously optimize the connection for maximum throughput. This unique tracking capability is an industry-first feature that allows moving vehicles to obtain real-time access to resources inherent to broadband communications, including data, Voice over Internet Protocol (VoIP) and streaming video.

## **BTS-3300 Antenna Alignment and Tracking System**

### **BTS-3300 Details**

- Can be used with any broadband radio in any frequency
- Easy to deploy
- Remote management via IP
- Automatic failover feature
- 360° continuous rotation
- Accuracy within .25° of pinpoint
- Provides significant cost savings through man-hour savings
- Designed to withstand the harshest environments
- BATS most popular unit

The **BTS-3300 System** is a quick deployable, self-aligning antenna and tracking system consisting of a computer controlled 360° positioning unit paired with either a rack mount or a hardened control unit.

This system minimizes the technical skills and time required to deploy broadband communications. Once configured, no user input is required for operation and with BATS comprehensive management capabilities the system can be managed remotely.

Additionally, the **BTS-3300 System** is technology agnostic allowing it to support any wireless broadband radio and antenna combination in any frequency.

The system is ideal for oil and gas exploration / production (offshore and terrestrial), military, homeland security (border/port), emergency response, maritime, construction, mining and agriculture.



### **Positioning Unit**

11.3" (H) X 10.8" (W) X 6.3" (D)  
Pan: 360°, Continuous Tilt: +/-60°  
Pan Speed: 0.7° to 23.0°/sec.  
Tilt Speed: 1.0° to 11.0°/sec.  
Capacity 9.75 ft/lb load torque, 33lb payload  
RJ45 Pass thru allows for  
Power over Ethernet (PoE) and Data  
IP66, Salt, Fog, Sea Spray and Sand  
-33C to +60C Operating Temperature



### **Rack Mount Control Unit 1U**

Power AC Standard  
1.75" (H) X 19" (W) X 13" (D)  
7.6cm (H) X 48.3cm (W) X 33.0cm (D)  
Optional:  
Power over Ethernet (PoE)  
DC Power

#### Communication Available

IP Management (local and remote)  
Internet Explorer 6.0+, SSH, Telnet



### **Hardened Control Unit**

IP66, Salt, Fog, Sea Spray and Sand  
Power AC Standard  
100-240VAC 50 to 60Hz  
DC: 11 - 35VDC with Auto Sense  
150 Watts Maximum  
with optional PoE, 200 Watts Maximum  
-20C to +60C Operating Temperature  
Optional: -40C

#### Communication Available

IP Management (local and remote)  
Internet Explorer 6.0+, SSH, Telnet

*BATS engineers continuously strive to improve all aspects of BATS equipment, specifications are subject to change without notice.*

