



Locate, Optimize and Track Wireless Connections

Broadband Antenna Tracking Systems (BATS) technology will automatically locate, 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.

BATS DVM-100 (Domed Vehicle Mount)

The ***BATS DVM-100 System*** is a preassembled, ready to use unit which includes a radio, antenna, aiming device and BATS power control unit. This compact, vehicle mount, self-aiming antenna tracking system is designed for highly mobile deployments.



The ***BATS DVM-100 System*** minimizes the technical skills and time required to deploy broadband communications and is preconfigured to automatically initiate a 360 degree scan once powered up. The DVM-100 also has extensive built-in remote management capabilities--making it manageable via IP from anywhere.

BATS DVM-100 Vehicle Mounted Tracking Unit

Antenna Gain

3.5GHz – 14 dBi

4.9GHz – 11 dBi

5.4/5.8GHz – 19 dBi

System Specifications

360 degree scan in 16 sec

Average Aiming Time: ptp 45 sec / pmp 60 sec

Radio (mounted internally)

Dome Size 14.7"(W) X 15"(H)

37cm (W) X 38cm (H)

IP66, Salt, Sea Spray

Weight with Radio (<19 lbs, 8.5kg)

-20C to +65C Operating Temperature

(-33C available option)

Communications 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.



Power Cable

Ethernet Cable



12 Volt DC System



Integrated with:

Redline RedMAX 3.3GHz – 3.8GHz Subscriber Unit

Redline AN-80i Radios 4.9GHz – 5.3GHz, 5.4GHz, 5.8GHz

