



Quick Deploy Auto-Align Antenna System Suitable for Medium to Long Range Communications & Data

QD-MIL

Key Benefits

- Lightweight, rugged, and easy to deploy
- Multipurpose alignment, on-link tracking
- Radio & frequency agnostic

The Quick Deploy (QD) series is a radio and frequency agnostic, multipurpose, automatic alignment and tracking system. The QD is designed for Communications At-the-Halt for extending network connectivity in hard to reach and harsh environments. Ideal for deployments where users want fast deployment of broadband communications, the QD can be mounted on masts, shelters, or towers for operators looking for reliable Line-of-Sight (LoS) communications in a small package.

The QD is configured with the Integrated Control Unit (ICU) that houses sensors, motion control electronics, and microwave radio RF characteristics for ground-to-air applications where improved stabilization, acquisition, and tracking performance is required. The combination of high speed positioning and tracking software algorithms enable high data rates (greater than Gbps) speeds in an affordable and rugged architecture.



www.batswireless.com

8431 Georgetown Rd #600
Indianapolis, Indiana 46268

Toll Free +1-888-955-8228

Sales +1-317-500-4507

Support +1-317-500-4506

Email info@batswireless.com

Specifications

BTS-50QD - Quick Deploy Automated Alignment System - (50 lb-ft. Ld Torque)

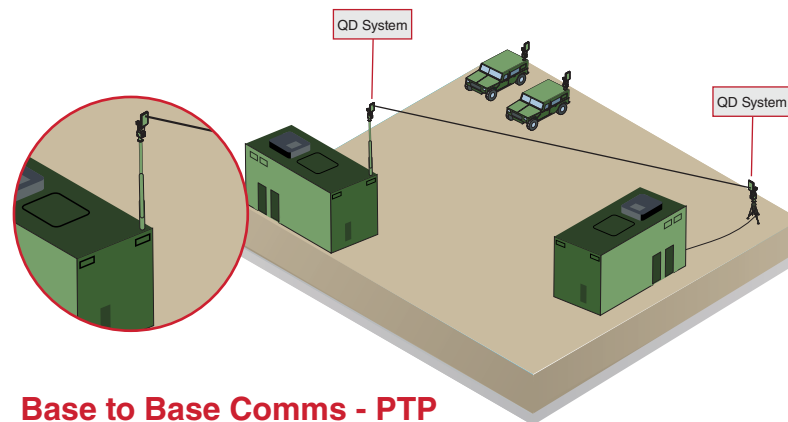
DIMENSIONS	Positioner: W 261mm (10.3"), H 265mm (10.4"), D 200mm (7.9") Controller: W 178mm (7.0"), H 140mm (5.5"), D 76mm (3.0")
WEIGHT	Positioner: 13.6 kg (29.9 lbs) w/ radio & pole mount bracket Controller: 2.0 kg (4.4 lbs) w/ controller bracket and mount
OPERATING TEMP	-22° to +131° F (-30° to +55° C)
ENVIRONMENTAL	IP66
PAN/TILT-AXIS RANGE	Pan: ±217° range, Tilt: ±10° soft limit (±20° hard limit)
PAN/TILT-AXIS SPEED	Pan: Up to 22°/sec maximum, Tilt: Up to 11°/sec maximum
POWER CONSUMPTION	Positioner: 85 W maximum Controller: 10 W maximum
POWER SUPPLY	Positioner: AC/DC Converter, -40° to 159°F (-40° to +71°C); 240 W; 93-132/186-264 VAC, 47-63 Hz Controller: PoE Adapter, 32° to 140°F (0° to +60°C); 60 W; 90-264 VAC, 47-63 Hz
CONNECTIVITY	Positioner: 1x MIL-SPEC Pwr/Ctrl In Controller: 1x Eth Data / 1x Pwr/Ctrl Out / 1x DC Pwr In
MOUNTING	3" - 4" Pole Mount Required (Standard)*

Software Based Options

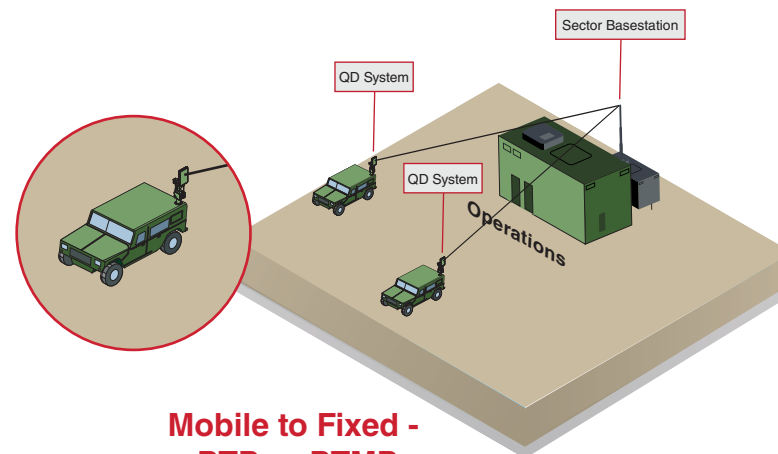
BTS-SW-GPST	GPS-Based Targeting - Reduce Target Seek Time, Search Area Reduction
BTS-SW-GYRO	Gyro Stabilization (Integrated Processor Quick Deploy System)
BTS-SW-OBGPS	Network GPS (Out of Band) - Integration with Outside Heading/GPS Sources
BTS-SW-RM	Remote Management SNMP v1/2c Polling, Health Check (Peplink)
BTS-SW-AS	Advanced Security (SNMP v3 & AES Encryption) Required BTS-SW-RM/AATS
BTS-SW-SYNC	BATSync Software (BATS to BATS Link Synchronization & Optimization)
BTS-SW-CO	Continuous Optimization of On-Target Link
BTS-SW-BSB	BATS Sync Bridge Software Only

Ordering Options

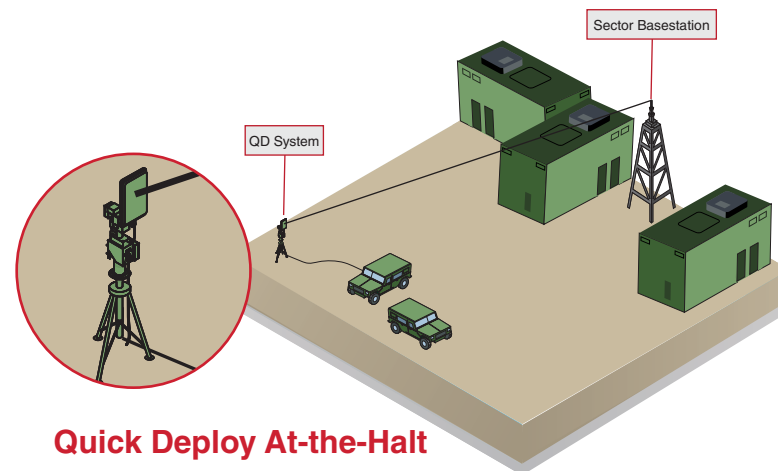
BTS-50QD	Quick Deploy Antenna Aiming System
BTS-PMB	Pole Mount Bracket
BTS-RAB	Radio / Antenna Bracket
BTS-TC	Travel Case
BTS-EXXX	Military Grade Ethernet Cable
BTS-CXXX	Positioning Unit Cabling



Base to Base Comms - PTP



**Mobile to Fixed -
PTP or PTMP**



Quick Deploy At-the-Halt