

PRODUCT OVERVIEW

GROUND STATION



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Ultimate Ground-Air Communications Solution

The GROUND STATION features an enhanced version of BATS proprietary automated connection technology that extends communications and control (C2) range far beyond typical omni-directional antenna systems. By leveraging the use of predictive signal-quality data in combination with GPS/heading data the GROUND STATION effectively automates the connection and tracking process, providing operators high-quality telemetry, video, and control access miles from the operational area.

Multi-band Operation

Innovative multi-band antenna system allows for redundant radio links across the L/S/C band of frequencies, ideal for operating with Silvus SC4240 & L-3 Bandit Radios. Antennas can be custom-tuned to necessary frequencies ideal for operating in a variety of theaters.

System Agnostic

Weather resisted protected enclosure designed specifically for a harsh environment
Fully customizable process allows for near universal list of frequency/radio configurations

Nomadic Deployment

Tripod or mast-based configuration allows for rapid deployment in necessary locations.

Specifications

GROUND STATION - Ground-to-Air Tracking for Aerial Vehicle Communications

PHYSICAL DIMENSIONS	44.37cm (H) x 45.21cm (W) x 31.19cm (D) - (Positioner)
WEIGHT	165kg (est)
ENVIRONMENTAL	Standardized to IP-65
OPERATING TEMP*	Standard: -10°C - 55°C
OPERATING POWER	Peak: 500 Watts Standby: 80 Watts (Varies with Radio/P.A.)
PAN/TILT-AXIS RANGE*	0 - 435° (PAN) -10° / +30° (TILT)
CABLING	RJ45 & Power Control Cable Access
MOUNTING*	Heavy-duty Tripod w/ Bolt Down Points
RADOME	UV-Protected Radome, White (Other Colors Optional)

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