

PRODUCT OVERVIEW



Advanced System Automation

One-touch antenna location and synchronization
Dual axis motors realign for link acquisition

System Agnostic

Enclosed and open-air options
Fully customizable setup allows for near universal list of antenna/radio configurations

Seamless Installation

Two cables provide both motor control, and data connectivity

Rapid WWAN Provisioning

BATS exclusive ECO Link uses an industry-first wireless search algorithm that scans the horizon for a compatible signal. Once targeting has occurred, ECO Link scans the wireless lobes to locate the center point, providing quick network links at the highest throughput possible.

Dynamic System Tracking & Stabilization

With GPS Lobe Optimization, the system routinely checks connection health to detect and immediately counteract any drops or weaknesses in the wireless signal caused by interference, environmental changes, or sudden platform movement. As platform movement occurs, as seen during a mobile deployment, the system will recalibrate and adjust its position in real-time to compensate for directional changes of the base platform in both axis, azimuth and elevation.

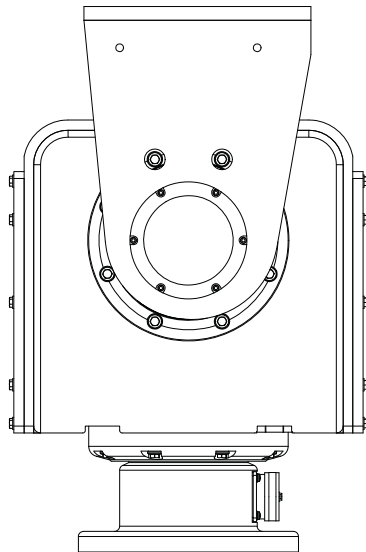
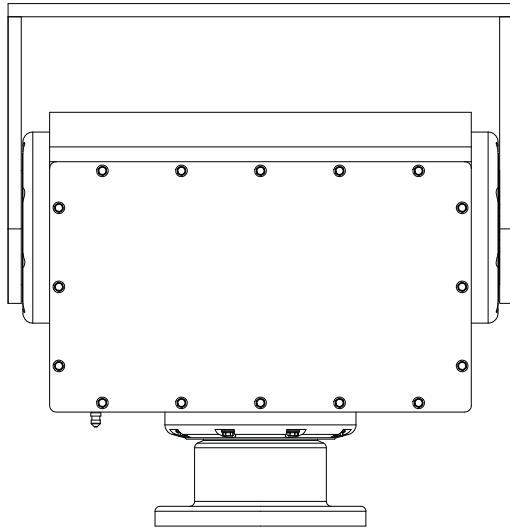
Enhanced Control Unit

Ruggedized and rack mount configurations
SNMP Monitoring & Dynamic Service Level Validation
WWAN link management with available Link Manager
HTTPS/SSH/Telnet Management



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PRODUCT SPECIFICATIONS



Specifications

PU 2000 - Open-Air Positioning Unit - (2000 lb. Payload)

WEIGHT	300 lb.
ENVIRONMENTAL	Standardized to IP-67
OPERATING TEMP*	-15°C or -30°C (w/heater) to 55°C
PAN/TILT-AXIS RANGE*	360° Continuous (slip ring) / 180° (±90°)
LOAD TORQUE	2000 lb-ft (2712 Nm)
OPERATING POWER	720 Watts (Max)

RMCU 2000 - Rack Mount Control Unit - for PU 2000

PHYSICAL DIMENSIONS	3.5" (H) x 19" (W) x 13" (D)
WEIGHT	22 lb.
OPERATING TEMP*	0°C - 65°C (-40°C Option)
OPERATING VOLTAGE	AC: 90 - 265 VAC; 47 - 63 Hz
NETWORK PORTS	(10/100/1000 Mbps)

Components & Accessories

GPS TARGETING STABILIZER	GPS-Based Signal Targeting & Stabilization
FLEET CONTROLLER	Control Appliance for Multiple Control Units
POSITIONING UNIT CABLING	PU Power Cables, Available up to 330 ft.
MIL-SPEC CABLING	Insulated Cat 5e Cabling, Available up to 330 ft.
MOUNTING HARDWARE	Universal Pole Mount Kits, Radio Mount Kits

**Additional Components Required*