



The Avwatch Mobile Tracking System 3.0 (MTS3.0) extends the range of air-to-ground data links. By simplifying the inherent complexities of a tracking system, Avwatch is able to deliver an easy-to-use unit that minimizes user error and maximizes network performance.

The MTS3.0 is built on the same principles as the MTS2.0, but allows for mounting much larger (or multiple) antennas. This gives an end user the ultimate flexibility to mount a wide range of antennas for any purpose.

Simply High Bandwidth.

- Minimal mechanical setup required
- Automatic heading calculation
- Radio agnostic, modular design
- Integrated Inertial Navigation System (INS)
- Built in gimbal stabilization
- Cursor on Target (CoT) compatible
- Web-based Graphical User Interface (GUI)
- Compatible with Single Input, Single Output (SISO) and Multiple Input, Multiple Output (MIMO) networks
- Various frequency band packages available
- Tower mountable or tripod available separately
- Speeds: Pan 15 deg/sec, Tilt 10 deg/sec
- Integration assistance & support available



The MTS3.0 is customizable to an operator's unique requirements. The size of the unit lends itself to a more permanent installation but with optional features like gimbal stabilization and continuous heading updates, the MTS3.0 can be completely mobile. There are a number of antenna options for multiple frequency bands. As with all Avwatch MTS products, the MTS3.0 is radio agnostic.

Ordering Info & Part Number Breakdown

Please contact sales@avwatch.us for quotes and assistance in ordering.

Category	Description	Part Number
Main Body	MTS3.0 With Non-Gimbal Stabilized Pan/Tilt Head.	MTS3-NG
	MTS3.0 With Gimbal Stabilized Pan/Tilt Head.	MTS3-GS
Heading	Continuous/Auto-Heading Add-On For All MTS3.0 Models.	MTS3-AH
Mount Options	Tripod For All MTS3.0 Models.	MTS3-TP
Dish	One (1) Parabolic Dish - Requires 1x Feed Purchase. All Mounting Hardware Included.	MTS3-DT
	Two (2) Parabolic Dishes - Requires 2x Feed Purchase. All Mounting Hardware Included.	MTS3-PT
Feeds	One (1) Dual Polarized, L-band Antenna for MTS3-DT.	MTS3-LD
	One (1) Dual Polarized, S-band Antenna for MTS3-DT.	MTS3-SD
	One (1) Dual Polarized, C-band Antenna for MTS3-DT.	MTS3-CD
	One (1) Dual Polarized, L-band Antenna for MTS3-PT.	MTS3-LP
	One (1) Dual Polarized, S-band Antenna for MTS3-PT.	MTS3-SP
	One (1) Dual Polarized, C-band Antenna for MTS3-PT.	MTS3-CP
MANET Radio Wiring Harness	Wave Relay MPU5 Wiring Harness, Compatible With All MTS. Formerly MTS210.5	MTS210
	Wave Relay MPU5 Wiring Harness And 10w S-Band MPU5, Compatible With All MTS. Formerly MTS220.5.	MTS220
	Trellisware TW-950 Wiring Harness, Compatible With All MTS.	MTS410
	Trellisware TW-950 Wiring Harness & TW-950 Radio, Compatible With All MTS.	MTS420
	Silvus SC4200 Wiring Harness For EB & BB Versions Of SC4200, Compatible With All MTS. "E" Series Connector.	MTS512
	Silvus SC4400 Wiring Harness & Mount Compatible With All MTS. "E" Series Connector.	MTS513
	Silvus SC4200 Wiring Harness & Silvus S-Band SC4200 "E" Radio, Compatible With All MTS.	MTS520
	Silvus SC4400 Wiring Harness & Silvus S-Band SC4400 "E" Radio, Compatible With All MTS.	MTS521
Developers Kit	The MTS 3.0 Developers Kit Includes: Power Cable to Flying Leads, Cam Locks & Upper Connector to RJ45 & Flying Leads.	MTS3-DV

