



MTS 3.0

Mobile Tracking System

The TSC 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, TSC 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



MTS is an original product of Awwatch. TSC acquired Awwatch in 2021.

To learn more, contact products@tsc.com • 774.247.0001

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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 TSC MTS products, the MTS3.0 is radio agnostic.

- Includes up to 3 cases (depending on options purchased)
 - Tripod Case 46" x 16" x 14", 60 lbs
 - Dish Case 41" x 13" x 34", 45 lbs
 - Remaining Equipment Case 34" x 24" x 20", 85lbs
- Assembly and setup time is approximately 15 minutes depending on configuration

ORDERING INFO & PART NUMBER BREAKDOWN

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	<ul style="list-style-type: none"> • Wave Relay MPU5 Wiring Harness • Compatible With All MTS • Formerly MTS210.5 	MTS210
	<ul style="list-style-type: none"> • Wave Relay MPU5 Wiring Harness And 10w S-Band MPU5 • Compatible With All MTS • Formerly MTS220.5 	MTS220
	<ul style="list-style-type: none"> • Trellisware TW-950 Wiring Harness • Compatible With All MTS 	MTS410
	<ul style="list-style-type: none"> • Trellisware TW-950 Wiring Harness & TW-950 Radio • Compatible With All MTS 	MTS420
	<ul style="list-style-type: none"> • Silvus SC4200 Wiring Harness For EB & BB Versions Of SC4200 • Compatible With All MTS • "E" Series Connector 	MTS512
	<ul style="list-style-type: none"> • Silvus SC4400 Wiring Harness & Mount • Compatible With All MTS • "E" Series Connector 	MTS513
	<ul style="list-style-type: none"> • Silvus SC4200 Wiring Harness & Silvus S-Band SC4200 "E" Radio • Compatible With All MTS 	MTS520
	<ul style="list-style-type: none"> • Silvus SC4400 Wiring Harness & Silvus S-Band SC4400 "E" Radio • Compatible With All MTS 	MTS521
Developers Kit	MTS 3.0 Developers Kit Includes: <ul style="list-style-type: none"> • Power Cable to Flying Leads • Cam Locks & Upper Connector to RJ45 & Flying Leads 	MTS3-DV

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