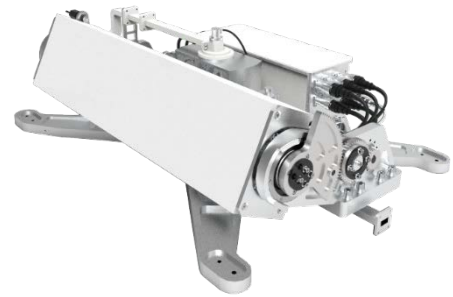


- Automatically collect and output carrier position and attitude information
- Storage of more than 10 satellite position parameter
- Terminal One-key start, antenna tracking the satellite automatically
- Polarization direction automatically adjust
- Power-down memory and protection
- Device detection and status checking
- Power-on self test and fault alarming



MODEL	UT450
Stabilization	2 axis stable tracking
Antenna Type	Panel waveguide horn array
Dimension (Diameter x Height)	Φ930mm×279mm
Weight	50kg
Frequency Range	RX : 10.70 ~ 12.75GHz TX : 13.75 ~ 14.5GHz
Type AMIP selectable by A791	Linear VP/HP
Receive G/T(Pinch 10°)	11.6dB/K@11.85GHz
Transmit EIRP(dBW)	49.3dBW @14.25GHz
Cross Pol Isolation	> 25dB(TYP)
RF Input(Tx)	13.75-14.5GHz,WR62
Rf Output(Rx)	950-2150MHz,TNC 50Ω
Power consumption	120W(Average)
Azimuth Range	360°Continuous rotation
Pitch Range	0°~90°(80°Performance reach the standard)
Az/EI Velocity:Acceleration	> 60°/s; > 100°/s ²
Tracking accuracy	No more than 0.2°RMS
DC Power	28VDC
Operating Temperature	-55°C ~ 70°C
Altitude	16800Meters (55000Feet)
Meet with the standard	ARINC 791-P1 APINC791-P2 RTCA DO-160G RTCA DO-178