

M100

1.0m Ku Band Maritime Antenna

- 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	M100	
Stabilization	3 axis stable and 4 axis tracking	
Reflector Size	Φ1000mm	
Dimension	Φ1200mm×1300mm	
Weight	≤78kg	
Frequency Range	RX : 10.70 ~ 12.75GHz TX : 13.75 ~ 14.50GHz	
Gain	RX≥39.3dBi (12.50GHz) TX≥40.4dBi (14.25GHz)	
Polarization	Linear	
Cross Pol Isolation	≥32dB	
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : -5° ~ 110°
	Roll: -30° ~ 30°	Polarization: 0° ~ 270°
Track Mode	INS measurement and signal tracking	
Tracking Accuracy	0.2°RMS	
Initial Acquisition	≤180s	
Carrier motion range	Roll : : -30° ~ 30°	
	Pitch : -30° ~ 30°	
Input Power	DC19-36V/AC110-220V , standard power consumption 80W (BUC excluded)	
Operating temperature	-20°C ~ 60°C	