

M100C

1.0m C Band Maritime Antenna

- High Intergrated of ACU,Modem and BUC
- Built-In INS
- Modular Design
- Simplified System Structure
- Easy Operation
- Remote Data Monitoring



MODEL	M100C	
Stabilization	3 axis stable and 4 axis tracking	
Reflector Size	Φ1000mm	
Dimension	Φ1205mm×1250mm	
Weight	≤110kg	
Frequency Range	RX : 3.70 ~ 4.20GHz TX : 5.85 ~ 6.725GHz	
Gain	RX : 29.00dBi@3.80GHz TX : 33.30dBi@6.30GHz	
Polarization	Linear	
Cross Pol Isolation	≥30dB	
Carrier Motion Range	Roll : -30° ~ 30°	
	Pitch : -30° ~ 30°	
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : -5° ~ 110°
	Roll: -30° ~ 30°	Polarization: 0° ~ 270°
Track Mode	INS measurement and carrier tracking	
Tracking Accuracy	0.2°RMS	
Initial Acquisition	≤180s	
Input Power	DC 24V 50Hz , Peak power consumption 150W	
Operating Temperature	-20°C ~ 60°C	