

A45

0.45m Ka 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	A45	
Stabilization	2 axis stable axis tracking	
Reflector Size	Φ450mm	
Dimension	Φ590mm×600mm	
Weight	≤25kg	
Frequency Range	RX : 18.7 ~ 20.2GHz TX : 29.0 ~ 30.0GHz	
Gain	RX : 37.02dBi@19.45GHz TX : 40.64dBi@29.50GHz	
Polarization	Circular	
Axial ratio	≤1.5	
Carrier Motion Range	Roll : -30° ~ 30°	
	Pitch : -30° ~ 30°	
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : -5° ~ 90°
	Roll: ~	Polarization: LHCP/RHCP
Track Mode	INS measurement and carrier tracking	
Tracking Accuracy	≤0.2°RMS	
Initial Acquisition	≤180s	
Input Power	DC24V	
Power consumption	100W (BUC excluded)	
Operating Temperature	-20°C ~ 65°C	