

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	Φ500mm×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 : -25° ~ 25°	
	Pitch : -25° ~ 25°	
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : -5° ~ 110°
	Roll: ~	Polarization: LHCP/RHCP
Track Mode	Auto tracking	
Tracking Accuracy	≤0.2°RMS	
Initial Acquisition	≤120s	
Re-Acquisition	block time ≤60s,acquisition immediately	
	60s < block time≤10 minutes , acquisition≤15s	
	block time > 10minutes , acquisition≤60s	
Input Power	DC24V , peak power consumption 100W	
Operating Temperature	-20°C ~ 60°C	