

IP180

1.8m 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	IP180	
Stabilization	3 axis stable and 4 axis tracking	
Reflector Size	Φ1800mm	
Dimension	Φ2800mm×2820mm	
Weight	350kg	
Frequency Range	RX : 10.70 ~ 12.75GHz TX : 13.75 ~ 14.50GHz	
Gain	RX : 44.80dBi@12.50GHz TX : 46.00dBi@14.25GHz	
Type	Ring focus	
Polarization	Linear	
Cross Pol Isolation	≥30dB	
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : -5° ~ 120°
	Roll: -30° ~ 30°	Polarization: 0° ~ 270°
Track Mode	INS measurement and signal 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	AC220V 50Hz , standard power consumption 250W	
Operating Temperature	-20°C ~ 60°C	