

KINGSAT

Maritime Antennas

Maritime Microwave Auto Tracking Antenna

M Series

- Point to Point Tracking, remote to 50KM
- Support Built-in Multi-point database, GNSS pointing system
- High Gain Parabolic Antenna, extended Freq to 4.9-6.5Ghz
- Broadband, High speed, up to 400Mbps
- Built-in Modem, support different brand system



KM-M8

High Accuracy of Pointing and Tracking Performance

High Gain Parabolic Antenna with 3-Axis mechanical design can point to target station within 0.2 degree, can capture peak of signal with unique algorithm.

Dual GNSS Module as Gyro

Advanced 3-Axis stabilized mechanical design and high sensitive gyro which is made by dual GNSS module enable always-lock connectivity.

Excellent Anti-Heavy Sea Tracking Ability

Proprietary algorithm, advanced 3-Axis stabilized mechanical design, keep stable signal reception and stable link access.

Built-in multi-point Target for Tracking

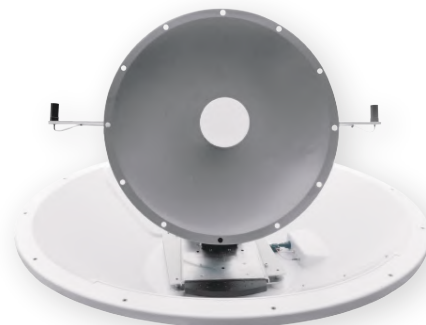
ACU can be built with multiple targets and electronic fence, based on the longitude and latitude, automatic switching tracking target.

Web Interface for Management

ACU has web interface which can clearly guide user to make all settings and monitor status of antenna. Easy to make troubleshooting when remote access with web interface.

Support different MODEM builtin

Antenna can adapt with different brand MODEM which is customized design from different purpose. Flexible optional spec can meet different requirement and budget.



Model	M8
Dish Diameter:	60 cm(23")
Weight:	50KG(110lbs)
Radom Size:	122 X 110 cm (48" X 43")
Radom Material:	ASA
Operating Platform:	3-Axis
Azimuth Range:	0° to 690°/Unlimited
Elevation Range:	-5° to 115°
Cross Level Range:	± 35°
Position Acquisition:	Built in Gyro
Ship Motion Support:	Roll: ± 25° @8~12 sec,Pitch: ± 15° @6~12 sec,Yaw: ± 8° @15~20 sec
Tracking Accuracy:	Automatic tracking level ≤ 1.0dB (R.M.S)
Frequency:	4.9 ~ 6.5GHz
Gain:	30dBi
Horizontal beam width:	(H) 5.5°; (V) 5.5°
Vertical beam width:	(H) 5.5°; (V) 5.5°
VSWR:	≤1.8
POL:	Cross-pol only
Input impedance:	50Ω
Front-to-rear ratio:	32dB
Maximum Power:	50W
Operating Temperature:	-30° ~ 70°C
Storage Temperature:	-30° ~ 85°C
Humidity:	Up to 100% @ 40°C
Wind Speed:	60m/sec max from any direction
Water Proof:	IP56

