



WAVEFIELD[®]
Maritime Antennas



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TVRO

Auto Tracking Maritime Satellite TV System

Fast Locking
Stable Tracking



WiFi ACU



Remote Viewing



Ku Band



Water Proof

Excellent Anti-Heavy Sea Tracking Ability

Proprietary algorithm, advanced mechanical design, embedded GPS and high-sensitive gyro enable always-lock connectivity and worldwide deployment

Better Signal Receiving performance than competitive models

Using self-made LNB and RF processing components, which offers the best reception quality and maximum antenna performance

Fast Satellite Search and Position

An integrated GPS antenna allows for the antenna control system to update the GPS data automatically for accurate positioning and faster satellite locking

Expendable Worldwide Satellite Library

The ACU is installed with Worldwide satellite database and can be easily revised or expended manually

Wifi-enabled & Easy-to-use ACU Design

Built-in Wifi module enables the Antenna Control Unit be controlled and monitored via mobile phone installed with mobile app

3-axis Stabilized & Automatic Skew Adjustment

2-axis pedestal design with a 3th axis of automatic skew adjustment system guarantees optimal antenna performance

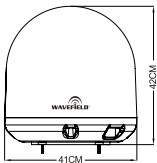
Easy-to-install Aesthetic Design

Simple installation and setup design with aesthetic maritime white dome of environment-resistant feature save labor and maintenance costs

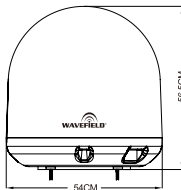
Support TV Watching on Mobile Phones

Except for being remotely managed, the ACU also supports real-time satellite TV watching on smartphones

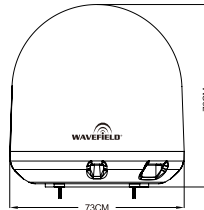
MODEL	WM33	WM45	WM60	WM75
Dish Diameter	33 cm(13")	45cm(18")	60cm(24")	75cm(30")
Antenna Dimension	41 × 42cm	54 × 56.5cm	73 × 76cm	82 × 86cm
Antenna Weight	5kg	12kg	20kg	34kg
Frequency	Ku Band (10.7~12.75GHz)			
Minimum EIRP	50dBW	48dBW	46dBW	44dBW
Operating Platform	3-Axis(Yaw,Level,Skew) Stabilized Azimuth, Elevation and Skew angle			
Polarization	Linear or Circular			
Elevation Angle	0°~90°			
Azimuth Range	690°			
Ship Motion	Roll±25° Pitch±15° Yaw±8°@6 sec period			
Tracking Rate	>90° /sec			
Temperature	-30°C~70°C			
Humidity	0~95%			



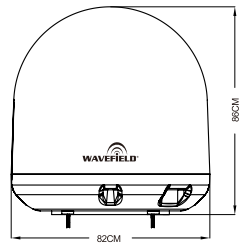
WM33



WM45



WM60



WM75



VSAT

Auto Tracking Maritime Satellite Communication System

Dish Diameter	60cm(24")	Stabilization System	3-Axis (Azimuth, Elevation, Cross-level)
Frequency	TX: 13.75 ~ 14.5GHz RX: 10.7 ~ 12.75GHz	Skew Control	Automatic
		Elevation Range	-20° ~ 110°
Antenna Gain	TX: 37.4dBi@14.5GHz RX: 35.5dBi@11.7GHz	Azimuth Range	690°
		Cross Level Range	-30° ~ 30°
G/T	14.25 dB/K@Clear Sky 30° Elevation	BUC Power	6W(optional)
Ship's motion	<0.5° mispointing @ max ship motion condition	Waterproof	IP56
Antenna Weight	2-Axis:25KG 3-Axis:34KG	Warranty	3 Years Parts 2 Year Labor

Excellent Anti-Heavy Sea Tracking Ability

Proprietary algorithm, advanced mechanical design and high-sensitive gyro enable always-lock connectivity and worldwide deployment

Superior RF Performance

Apply Canadian Norsat LNB & Japanese JRC BUC. Major RF components are self-designed and made with leading in-house engineering for maximum antenna performance

Wifi-enabled & Easy-to-use ACU Design

Built-in Wifi module enables the Antenna Control Unit be controlled and monitored via mobile phone installed with WAVEFIELD mobile app

3-axis Stabilized & Automatic Skew Adjustment

3-axis pedestal design with a 4th axis of automatic skew adjustment system guarantees optimal antenna performance

Easy-to-install Aesthetic Design

Simple installation and setup design with aesthetic maritime white dome of environment-resistant feature save labor and maintenance costs

Wide Elevation Angle Capability

The elevation angle ranges from -20° to 110° ensures the seamless signal reception for vessels traveling worldwide