

Starwin SW080 Ku Band Maritime Antenna Datasheet



Introduction:

Starwin SW080 0.8m Ku band maritime VSAT, combining navigation sensor and signal strength tracking, and integrating GPS data, can ensure antenna point at satellite accurately while vessels on the move.

Reliable communication can be established and maintained for vessels on extreme conditions. This system can realize two-way real time transmission of voice, data and image and others on the move between satellite VSAT maritime station and other fixed stations or mobile station.

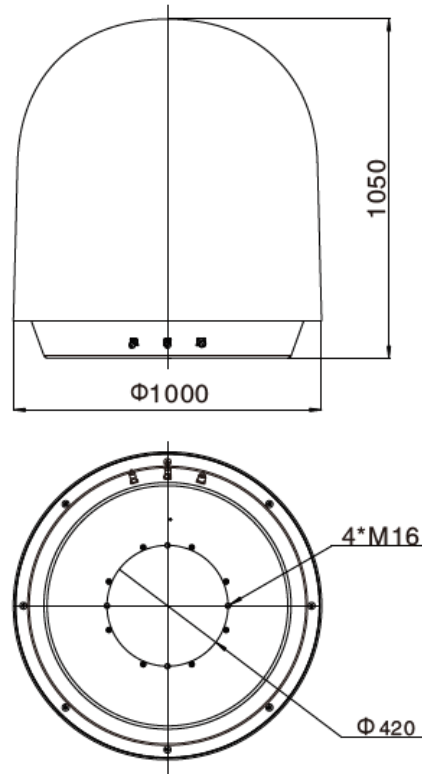
Features:

- Modular design, high integration
- High tracking accuracy, fast response
- With 3-axis pedestal, apply to wider ocean area
- Search satellite signal automatically

Technical Specifications:

Antenna Specifications	Working Frequency	Tx	13.75GHz~14.5GHz
		Rx	10.70GHz~12.75GHz
	Antenna Gain	Tx	≥38.8dBi@14.25GHz
		Rx	≥37.6dBi@12.5GHz
	Polarization		Linear, auto-adjustment
	EIRP		≥46.0dBW@14.25GHz,BUC 6W
	G/T		≥15.2dB/K@12.5GHz, 20°EI
	Antenna Type		Parabolic
Tracking Specifications	Antenna Aperture		Equivalent 0.85m
	Port Isolation		≥85dB
	XPD		≥30dB
	Pedestal Type		3-axis
	Antenna Travel Range	Azimuth	360°, unlimited
		Elevation	-15°~120°
		Polarization	≥180°
		Roll	-40°~40°
System Specifications	Tracking Accuracy		≤0.2° (R.M.S)
	Initial Acquisition Time		≤120s
	Re-acquire Time		<3s (Occlusion time @60s)
	BUC Optional		4W/6W/8W/16W (Built-in)
Environmental Specifications	Power Supply		100V~240V AC
	Power Consumption		<250W(Include 6W BUC)
	Working temperature		-25°C~+55°C
Others	Storage temperature		-40°C~+65°C
	Working Humidity		0%~95%
	ACU size		1U
Others	Weight		76.5Kg (Including BUC and LNB, but excluding Modem)
	Dimension		Φ1000mm*H1050mm

Dimension(mm):



Mount Instruction:

