Key Features
- Full Ka band operation up to 3.5GHz bandwidth.
- High accuracy carbon fiber panel up to 0.3mm RMS.
- Aviable intergrate the mainly Ka tranceiver system.
- Support manual, auto and one button capture satellite within 3 minutes.
- Splash plate feed system ,Carbon fiber reflector and tripod with stable material, light weight, high strength and is convenient for portable application.
- Ring focus feed system assures high gain, low side lobe and perfect RF proformance.
- Intergrate GPS system, position detection system, servo drive system, auto protection system , high performance satellite beacon receiving system , and intelligent control management software etc .

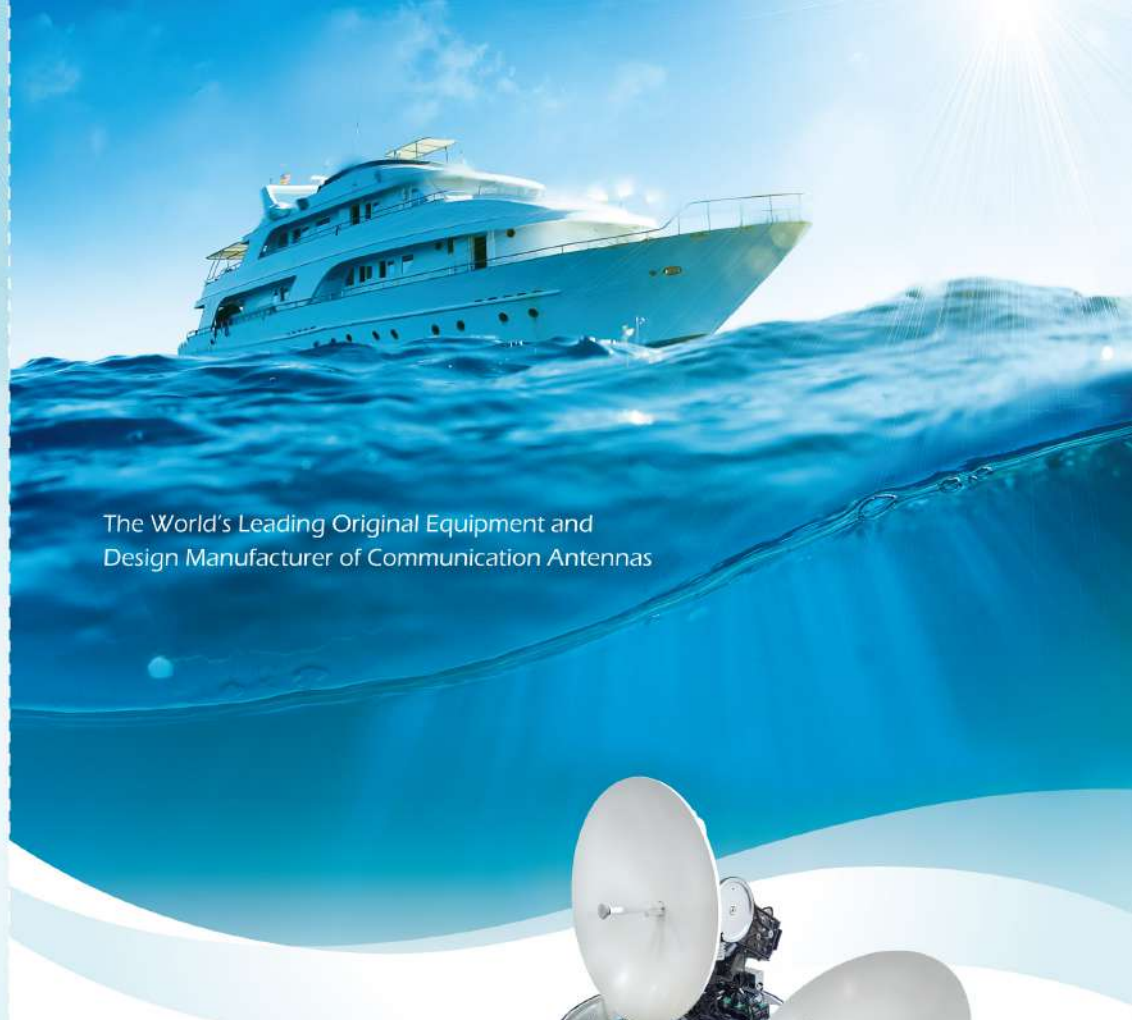
0.6M Auto Flyaway Antenna

Model No		AF600ZN1-A Ka band
Operational Frequency	Tx	27.5 ~ 31.0 GHz
	Rx	17.7 ~ 21.2 GHz
Gain (Mid Band)	Tx	42.2+20lg(f/30) dBi
	Rx	38.7+20lg(f/20) dBi
Polarization		Circular
Axis Ratio (On Axis, Circular)		1.5 dB
Tx/Rx Isolation		85 dB
Feed Interface	Tx	WR28
	Rx	WR42
VSWR		1.5
Side Lobe		-14 dB (first side lobe)
Feed Type		Splash plate
Reflector Aperture		0.6m
Reflector Material		Carbon fiber
Travel Range	Azimuth	± 90°
	Elevation	0°~90°
Travel Speed	Azimuth	0.01° /S ~3° /S
	Elevation	0.01° /S ~3° /S
Auto acquisition time		≤ 3 min
Pointing accuracy		≤0.3dB (R.M.S)
Tracking mode		Beacon/DVB carrier
Weight		≤ 9KG (without BUC, LNB, packaging and accessories etc.)
System power consumption		≤ 70W
Power Supply		220VAC 50Hz
Handheld type		Three-prevention handheld
Operate Wind Loading		11m/s (balance weight)
Survival Wind Loading		18m/s (balance weight)
Operating Temperature		-40℃~+55℃
Storage temperature		-50℃~+70℃
Protection Grade		IP65
Relative Humidity		0-95%

Key Features
- Ring focus antenna with 8 segments reflector
- Carbon fiber reflector with light weight, high strength and one person can finish the installation within 3 minutes.
- Easy acquisition without any training and tools;
- Fast and high-quality transmission at anytime and anywhere.
- Carbon fiber tripod support legs.
- Support Ku and Ka band as an option;
- Using at such industries as Broadcast & media, emergency & public safety, oil and gas etc.

0.9M Manual Flyaway Antenna

Model No		MF900Z-B Ku band
Operational Frequency	Tx	13.75 14.50 GHz
	Rx	10.7 12.75 GHz
Gain (Mid Band)	Tx	40.0+20lg(f/14.25) dBi
	Rx	39.0+20lg(f/12.5) dBi
Polarization		linear
CPI (On Axis, linear)		35 dB
VSWR		1.5
Tx/Rx Isolation		85 dB
Power capability		100W
Feed Interface		WR75
Side Lobe		-14dB (first side lobe)
Feed Type		Splash plate
Reflector aperture		0.90M
Slew Range	Azimuth	360°
	Elevation	0°~90°
	Polarization	±90°
Weight		≤ 17G (without BUC, LNB, packaging and accessories etc.)
Operate Wind Loading		11m/s (balance weight)
Survival Wind Loading		18m/s (balance weight)
Temperature		-40℃~+60
Relative Humidity		0-100%



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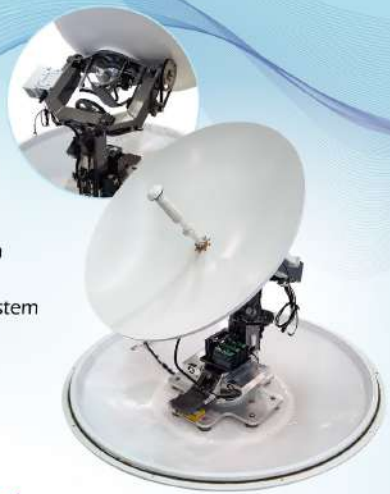
This product is widely used on a variety of fields, such as maritime transportation, exploration and fishing. It can be installed on oil rigs and different sizes of vessels to achieve the image, voice, and data transmission as well. Using the composite control system with the tracking technique ensures that the antenna is accurately aligned with the synchronous orbit satellite to attain high-quality communication.

3-Axis Maritime VSAT 0.6m Ka-band

Dish Diameter		0.6m
Antenna Material		Carbon Fiber
Antenna Type		Prime Focus
Frequency		Ka
Polarization		Circular
Sidelobe		≤ -14dB
Operating Frequency	Transmit	TX:29.4GHz ~ 31GHz
	Receive	RX:19.6GHz ~ 21.2GHz
Antenna Gain	Transmit	TX:43dBi@30.2GHz
	Receive	RX:39.4dBi@20.4GHz
Tracking Precision		≤ 0.2°
Ship Motion		Yaw:±8°/15s, Pitch:±10°/6s, Roll:±20°/8s
Initial Acquisition Time		≤ 120s
Re-acquisition Time		Block time < 60s · Acquisition < 3s
		15min ≥ Block time ≥ 60s · Acquisition < 10s
Operating Platform		3 Axis Stable & 4 Axis tracking
Tracking Range	Azimuth Angle	360° Continuous rotation
	Elevation Angle	-15° ~ +120°
	Roll Angle	-30° ~ +30°
Angular Velocity	Azimuth Angle	100°/s
	Elevation Angle	80°/s
	Roll Angle	80°/s
Angular Acceleration	Azimuth Angle	200°/s2
	Elevation Angle	200°/s2
	Roll Angle	200°/s2
Current		220V AC, Power Consumption: 80W (BUC excluded)
Dimension (Diameter X Height)		Ø73cm×80cm
Weight		42kg (BUC excluded)
Operating Environment	Operation Temperature	-30℃ ~ +65℃
	Storage Temperature	-40℃ ~ +85℃

Key Features

- High-gain and carbon-fiber antenna
- Fast tracking and high precision
- Reliable positioning system with marine compass function
- One-touch commissioning
- Support the beacon receiver, DVB, and digital tracking system
- Built-in Modem



3-Axis Maritime VSAT 0.9m Ku-band

Dish Diameter		0.9m
Antenna Material		Carbon Fiber
Antenna Type		Prime Focus
Frequency		Ku
Polarization		Linear
Sidelobe		≤ -14dB
Operating Frequency	Transmit	TX:13.75GHz ~ 14.5GHz
	Receive	RX:10.7GHz ~ 12.75GHz
Antenna Gain	Transmit	TX:39.5dBi@14.25GHz
	Receive	RX:38.5dBi@14.25GHz
Tracking Precision		≤ 0.2°
Ship Motion		Yaw:±8°/15s,Pitch:±10°/6s,Roll:±20°/8s
Initial Acquisition Time		≤ 120s
Re-acquisition Time		Block time < 60s, Acquisition < 3s
		15min ≥ Block time ≥ 60s, Acquisition < 10s
Operating Platform		3 Axis Stable & 4 Axis tracking
Tracking Range	Azimuth Angle	360°Continuous rotation
	Elevation Angle	-15° ~ +90°
	Roll Angle	-25° ~ +25°
	Polarization Angle	-135° ~ +135°
Angular Velocity	Azimuth Angle	100°/s
	Elevation Angle	80°/s
	Roll Angle	80°/s
	Polarization Angle	50°/s
Angular Acceleration	Azimuth Angle	200°/s2
	Elevation Angle	200°/s2
	Roll Angle	200°/s2
	Polarization Angle	50°/s2
Current		220V AC, Power Consumption: 100W (BUC excluded)
Dimension (Diameter X Height)		ø140cm×72cm
Weight		100kg (BUC excluded)
Operating Environment	Operation Temperature	-30℃ ~ +65℃
	Storage Temperature	-40℃ ~ +85℃