

i2

Compact and Smart Marine Satellite TV Antenna System



HDTV
COMPATIBLE

A firm hold on the signal

Dynamic Beam Tilting (DBT) uses a high performance, constantly adjusting sub-reflector which allows the antenna to remain relatively still, eliminating the constant whine of stepper motors while providing clear reception while the boat is in motion.

Faster signal acquisition

Intellian's exclusive Wide Range Search (WRS) algorithm allows antenna to search, find and lock on to a signal with incredible speed and accuracy.

Compact size

33cm antenna reflector diameter with an antenna weighs less than 4.5kg.

Simple & Easy installation

With just a single cable to connect the antenna and the ACU, Intellian i2 systems are quick and easy to install. Our advanced ACU is designed to require a minimum of set-up so you can begin to enjoy TV programs aboard your boat in no time.

Performance & Value

All these benefits are yours to enjoy without having to worry about a hefty price tag. Our goal is to provide an affordable, high value system so you can enjoy big- ticket broadcast entertainment and not have to worry about the price of admission.

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Technical Specifications

Physical

Radome Height	38cm / 15"
Radome Diameter	37cm / 14.6"
Reflector Diameter	33cm / 13"
Weight	4.5kg / 9.5lbs

Environmental

Operating Temp. Range	-25°C to +55°C / -13°F to +131°F
Storage Temp. Range	-40°C to +80°C / -40°F to +176°F
Water Ingress	IPX6
Approvals	CE/FCC
Warranty	3 year parts and 2 year labor

Performance

Reception Frequency	Ku-band (10.7~12.75GHz)
Polarization	Vertical / Horizontal
Minimum EIRP	51dBW
Azimuth Range	680°
Elevation Range	10° to 80°
Ship's Motion	Roll $\pm 25^\circ$, Pitch $\pm 15^\circ$
Roll & Pitch Response Rate	60° / sec
Turning Rate	60° / sec
RF Output	Dual Output

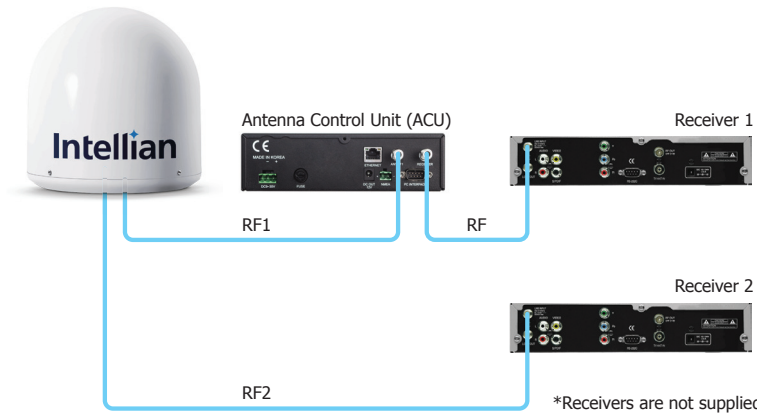
Antenna Control Unit

Dimensions (WxDxH)	17.8cm x 21.7cm x 5.4cm / 7" x 8.5" x 2.1"
Weight	1.2kg / 2.6lbs
Display	2 line 20 character VFD module
GPS Interface	Built-in (NMEA 0183 GPS)
Power Requirement	9.0~30.0V DC
Power Consumption	Typ. 30W, Max. 50W

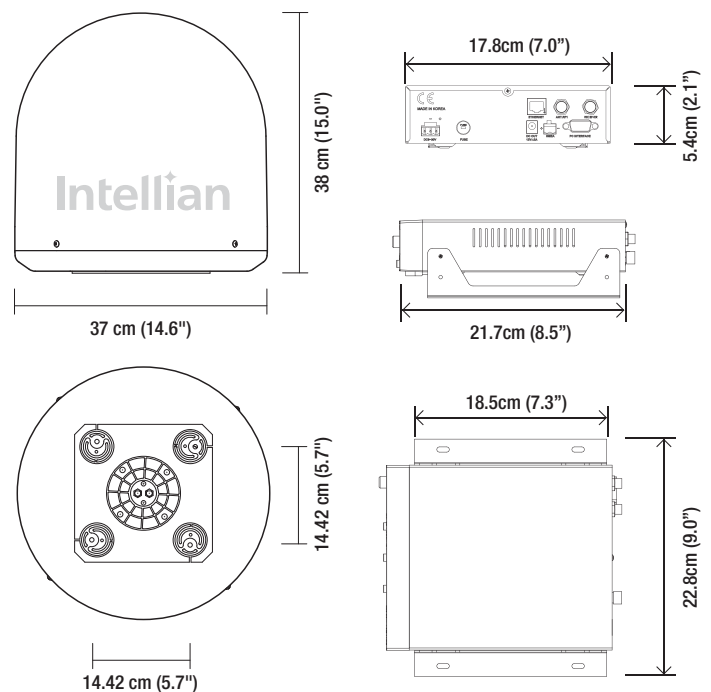
Key Features

- Travel further north or south with extended elevation range 10° to 80°
- Stay locked on in rough seas, 60° per second turning rate
- Compatible with global satellite TV service providers
- Smaller size with bigger performance
- Simplicity of design, no fragile compass and no rate sensor
- Switch channels as fast as you do at home
- DVB-S2 Signal Identification

System Diagram



System Dimension



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