

Intellian® i2

**Compact and Smart Marine
Satellite TV Antenna System**



Intellian® i2 The full-featured Intellian i2 with its 13" antenna is by far smaller than other competitor's competitive higher priced models.

- *Compact & Smart System*
- *Unmatched Performance & Value*
- *User-friendly & Easy to Install*

For more information, visit www.intelliantech.com

Compact Size

Only 13 inch dish diameter and 10 pounds antenna weight

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.

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.

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.



**Intellian
Technologies®**
Communicate Smarter

SPECIFICATIONS

Intellian® i2

Compact and Smart Marine Satellite TV Antenna System

Key Features

Fully Automated System

Automatic satellite search and identification
2-axis step motor for manipulating the pedestal

Enhanced Antenna

High efficiency parabolic antenna
RHCP/ LHCP, Vertical/ Horizontal polarization

Compact Size

13inch antenna dish diameter
Very light Antenna weight less than 10 pounds

Fastest Search Algorithm

Wide Range Search(WRS) algorithm
Statistical search algorithm

Superior Dynamic Tracking

Dynamic Beam Tilting (DBT) by rotating sub-reflector

DVB Signal Identification

High speed identification applying DVB Decoder with CPLD
QPSK Demodulator Lock for DSS Signal

New type Antenna Control Unit

Easy satellite information change and update
Easy antenna status check and automatic diagnosis
Easy antenna control using PC interface with USB cable

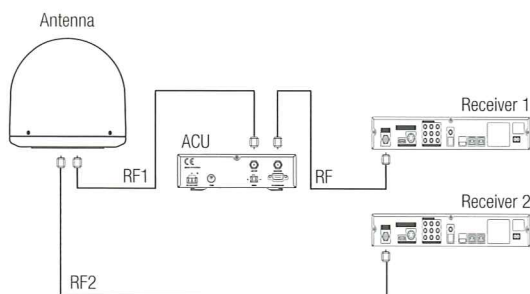
Built-in NMEA 0183 GPS Interface

Easy Interface allowing a boat owner to have a separate GPS system
can provide even high performance

Technical Specifications

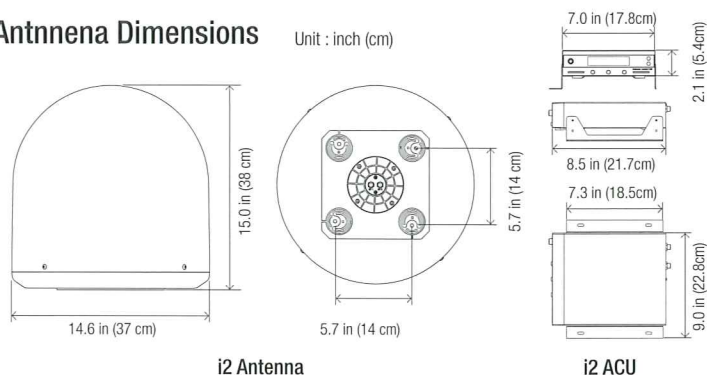
Part #	Specifications
B2-201S	Intellian i2 Satellite TV Antenna System
Physical	
Radome Height	15.0 in (38cm)
Radome Diameter	14.6 in (37cm)
Antenna Dish Diameter	13.0 in (33cm)
Weight	9.5 lbs (4.5kg)
Environmental	
Operating Temp. Range	5°F ~ 130°F (-15°C ~ 55°C)
Storage Temp. Range	-13°F ~ 158°F (-25°C ~ 70°C)
Water Ingress	IPX6
Approvals	CE / FCC
Warranty	2 Years Parts and 1 Year Labor
Performance	
Reception Frequency	Ku-band (10.7~ 12.75GHz)
Polarization	RHCP/ LHCP, Vertical/ Horizontal
Minimum EIRP	51 dBW
Azimuth Range	680°
Elevation Range	10° to 80°
Ship's Motion	Roll +/-25°, Pitch +/-15°
Roll & Pitch Response Rate	60° / Second
Turn Rate	60° / Second
RF Output	Dual Output
Antenna Control Unit	
Dimensions (WxDxH)	7.0 in x 8.5 in x 2.1 in (17.8cm x 21.7cm x 5.4cm)
Weight	2.6 lbs (1.2kg)
Display	2 Line 20 Character VFD Module
Control Key	5 Integrated Push Buttons
Power Input	DC 9.0 ~ 30.0V (Typ. 30W, Max. 50W)
GPS Interface	NMEA0183

System Diagram



Antenna Dimensions

Unit : inch (cm)



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Communicate Smarter
ISO 9001 Certified

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