

# Intellian® i2

## Compact and Smart Marine Satellite TV Antenna System



**Intellian® i2** is the world's first high-performance and compact satellite TV system with a breakthrough integrated HD and TriSat modules which offer the boaters to enjoy premium high-definition and standard programming broadcast from leading satellite TV service providers without any extra conversion tools, wirings and costs.

The i2 is an absolute choice for boats as small as 25 feet with its small, simple and powerful designs. With its patent-pending innovation in Wide Range Search (WRS) and Dynamic Beam Tilting (DBT) technologies, the i2 can always maintain the highest signal strength available and ensure the crystal-clear TV receptions along with Intellian's super-efficient 33 cm diameter antenna while the vessels are motoring along the coast or cruising offshore.



**HDTV**  
COMPATIBLE



### Compact Size

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

### 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®**

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### Technical Specification

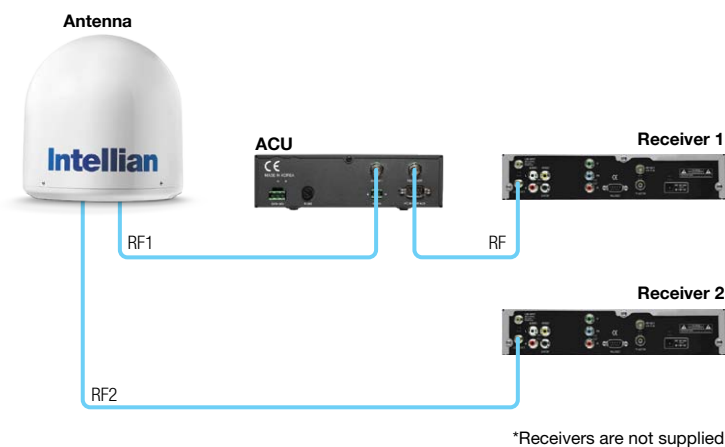
Part	Specifications
B3-206U	Intellian i2 Satellite TV Antenna System
<b>Physical</b>	
Radome Height	38 cm / 15.0"
Radome Diameter	37 cm / 14.6"
Antenna Dish Diameter	33 cm / 13.0"
Weight	4.5 kg / 9.5 lbs
Operating Temp. Range	-15°C ~ 55°C / +5°F ~ 130°F
Storage Temp. Range	-25°C ~ 70°C / -13°F ~ 158°F
Water Ingress	IPX6
<b>Performance</b>	
Reception Frequency	Ku-band (10.7 ~ 12.75 GHz)
Polarization	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°/Sec
Turn Rate	60°/Sec
RF Output	Dual Output

Antenna Control Unit	
Dimensions (W x D x H)	17.8 x 21.7 x 5.4 cm / 7.0" x 8.5" x 2.1"
Weight	1.2 kg / 2.6 lbs
Display	2 line 20 character VFD module
Power Input	Input : 9.0~30.0 V DC (Typ. 30 W, max 50 W)
GPS Interface	Built-in (NMEA 0183 GPS)

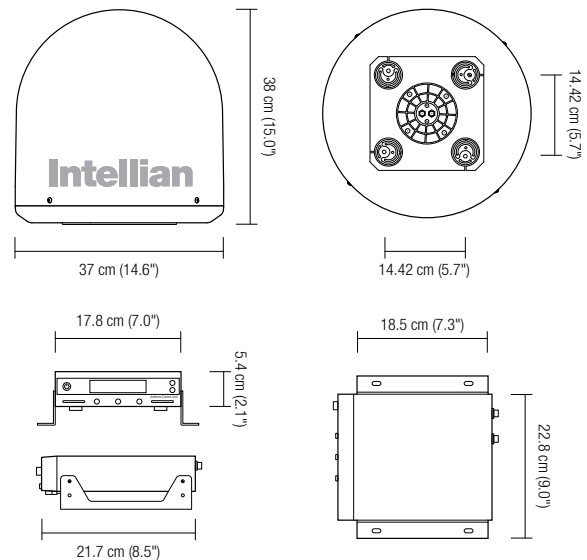
### Key Features

- 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

### System Diagram



### Antenna Dimensions



ISO 9001 Certified

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