Intellian[®] 12

Simplicity of Design

equals Reliability.



Featuring

- 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 leading satellite TV service providers
- Smaller size with bigger performance
- Simplicity of design, no fragile compass and no rate sensors
- Auto satellite switching function for three satellites
- Switch channels as fast as you do at home
- Built-in HD module for Ku-band



Intellian Technologies

Experience the innovation.







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Intellian i2

Simplicity of Design equals Reliability.

Intellian i2 delivers nationwide satellite reception, Ku-Band HD TV capabilities, an exclusive built-in Multi-satellite Interface Module (MIM) and stable performance.

Fully Automated System

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

Enhanced Antenna

High efficiency parabolic antenna RHCP/LHCP for US & Canada Vertical/Horizontal polarization for Sky Mexico and Europe

Compact Size

13 inch antenna dish diameter and an antenna weighs 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 MIM (Multi-satellite Interface Module) tracks 3 satellites seamlessly Built-in HD module for Ku-band HD reception

Maximum 6 Receivers connections

Up to six receivers can be connected to ACU directly which simplifies the installation

Every receiver connected to ACU can be a master receiver which can change the satellite freely by TV remote control

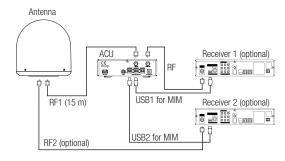
Master Receiver Selection

Only the master receivers which are activated through ACU can change the target satellite

Built-in NMEA 0183 GPS Interface

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

System Diagram



echnologies Communicate Smarter

Please visit intelliantech.com to find a dealer near you

US Headquarters

Intellian Technologies USA, Inc. Americas Region 9261 Irvine Blvd.

Email

Irvine, CA 92618 USA Tel +1-949-916-4411 Toll Free +1-888-201-9223 +1-949-271-4183 Fax

Headquarters EMEA & APAC Region Intellian Technologies, Inc. 7th Floor, Dongik Building Nonhyundong, Kangnam-gu Seoul 135-010, South Korea

i2 ACU

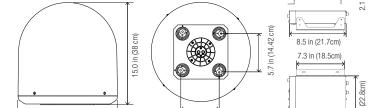
+82-2-515-4923 +82-2-515-4903 Fax info@intelliantech.com Fmail

Technical Specifications

Antenna Dimensions

14.6 in (37 cm)

B2-206S Intellian i2 Satellite TV Antenna System (US) 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 Ku-band (10.7~ 12.75GHz) 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 FF Output Dual Output Antenna Control Unit 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)	Part #	Specifications
Intellian i2 Satellite TV Antenna System (Europe) Physical		· · · · · · · · · · · · · · · · · · ·
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Turn Rate 60° / Second RF Output Dual Output Antenna Control Unit T.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)	Ship's Motion	Roll +/-25°, Pitch +/-15°
RF Output Dual Output Antenna Control Unit 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)	Roll & Pitch Response Rate	60° / Second
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)	Turn Rate	60° / Second
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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)	Antenna Control Unit	
Display 2 Line 20 Character VFD Module Control Key 5 Integrated Push Buttons Power Input DC 9.0 ~ 30.0V (Typ. 30W, Max. 50W)	Dimensions (WxDxH)	7.0 in x 8.5 in x 2.1 in (17.8cm x 21.7cm x 5.4cm)
Control Key 5 Integrated Push Buttons Power Input DC 9.0 ~ 30.0V (Typ. 30W, Max. 50W)	Weight	2.6 lbs (1.2kg)
Power Input DC 9.0 ~ 30.0V (Typ. 30W, Max. 50W)	Display	2 Line 20 Character VFD Module
Power Input DC 9.0 ~ 30.0V (Typ. 30W, Max. 50W)	Control Key	5 Integrated Push Buttons
Receiver Interface 6 USB Ports (USB A Type)	Power Input	DC 9.0 ~ 30.0V (Typ. 30W, Max. 50W)
	Receiver Interface	6 USB Ports (USB A Type)



Unit: inch (cm)

i2 Antenna

5.7 in (14.42 cm)

info@intelliantech.com