

High Performance Marine Satellite Antenna Systems

Intellian® t130

No.1 Choice for Ocean-going Vessels
The True 3-axis Stabilization TVRO System.



Featuring

- 1.25 m (49.2") dish diameter maritime satellite TVRO system
- High-gain and high-efficient design with minimum EIRP 40dBW
- Fully automated 3-axis stabilized platform
- Wide elevation range -15° to $+120^{\circ}$
- Proven reliability and simplicity of mechanical design
- Designed to meet LR, DNV and military standards
- Compatible with Ku-band satellite TV services around the globe
- 19 inch rack-mount type ACU (Antenna Control Unit)
- User-friendly operation platform
- Easy installation and maintenance with less cables and accessories
- Offers pre-programmed global satellites library
- Built-in GPS and auto LNB pol-angle control system

Intellian®

Experience the innovation.



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Intellian® t130

Ku-band 3-axis Marine Stabilized Satellite TV Antenna Systems with 1.25m Dish

Technical Specification

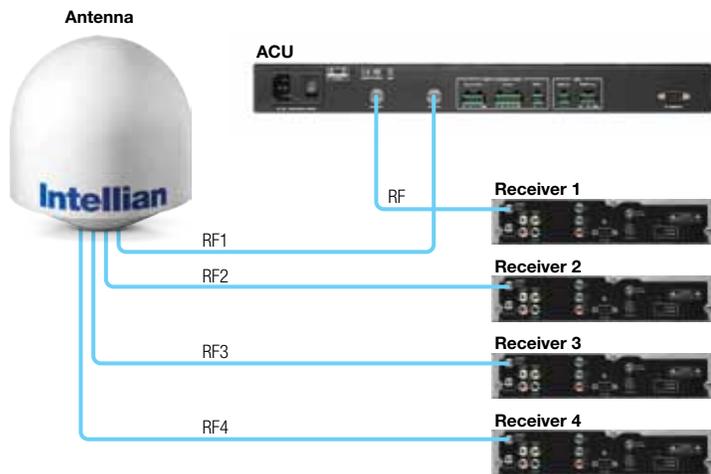
Part	Specifications
T1-1317S	Intellian t130 Satellite TV Antenna System
Physical	
Radome (D x H)	165 x 169 cm / 65.0" x 66.5"
Antenna Dish Diameter	125 cm / 49.2"
Weight	116 kg / 256 lbs
Environmental	
Operating Temp. Range	-25°C to +70°C / -13°F to +158°F
Storage Temp. Range	-30°C to +70°C / -22°F to +158°F
Water Ingress	IPX6
Performance	
LNB pol Control	Automatic LNB pol-angle control
Reception Frequency	10.7 ~ 12.75 GHz Ku-band
Pedestal Type	3-axis / Azimuth, Elevation, Cross-level
Minimum EIRP	40 dBW
Azimuth Range	680°
Elevation Range	-15° to +120°
Cross Level	Up to ±30°
Roll / Pitch / Yaw	±25° / ±15° / ±8° @ 6 sec period
Turn Rate	Up to 12°/sec & 5°/sec ²
Polarization	Vertical / Horizontal or RHCP / LHCP

Antenna Control Unit	
Dimensions (W x D x H)	43 x 26.6 x 4.4 cm / 16.9" x 10.5" x 1.7"
Weight	3.2 kg / 7.1 lbs
Display	2 line 40 character VFD module
Power Input	110/220 V AC, 50/60 Hz, 1 Phase (Max 100 W)
GPS Interface	Built-in GPS
Gyrocompass Interface	NMEA / Synchro

Key Features

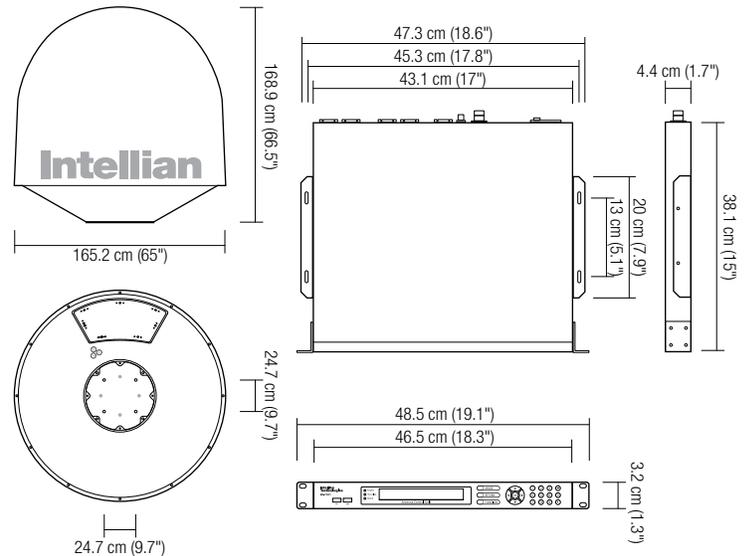
- 1.25 m (49.2") dish diameter maritime satellite TVRO system
- High efficiency, fully automated 3-axis stabilized platform
- Proven mechanical design with utmost simplicity and reliability
- Easy installation and maintenance with less cables and accessories
- Wide elevation range from -15° to +120°
- High-gain design with minimum EIRP 40 dBW
- Incorporates Intellian's most well known patents, WRS and DBT
- Compatible with major TV services around the globe
- 19 inch rack-mount type ACU (Antenna Control Unit)
- Built-in global satellites library
- Incorporates Dual MCU (Micro Control Unit) to accelerate response rate
- Built-in GPS and auto LNB pol-angle control system

System Diagram



*Receivers are not supplied

Dimensions



ISO 9001 Certified
For more info, visit intelliantech.com

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