

*High Performance Marine Satellite Antenna Systems*

# Intellian® t110

**Most powerful and reliable  
satellite TV antenna  
with 3-axis  
stabilization  
system.**



## Featuring

- 1.05 m (41.3") 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 42 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

# Intellian®

Experience the innovation.



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# Intellian® t110

## Ku-band 3-axis Marine Stabilized Satellite TV Antenna Systems with 1.05m Dish

### Technical Specification

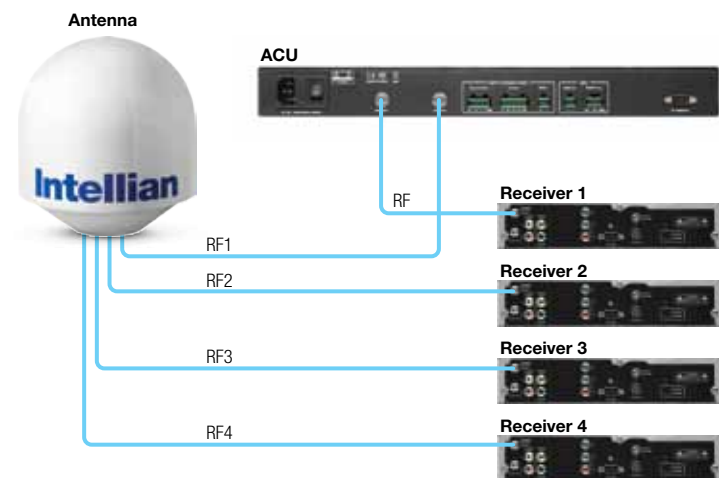
Part	Specifications
T1-1117S	Intellian t110 Satellite TV Antenna System
<b>Physical</b>	
Radome (D x H)	133 x 142 cm / 52.4" x 56.0"
Antenna Dish Diameter	105 cm / 41.3"
Weight	90 kg / 198 lbs
<b>Environmental</b>	
Operating Temp. Range	-25°C to +70°C / -13°F to +158°F
Storage Temp. Range	-30°C to +70°C / -22°F to +158°F
Water Ingress	IPX6
<b>Performance</b>	
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	42 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°/sec²
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

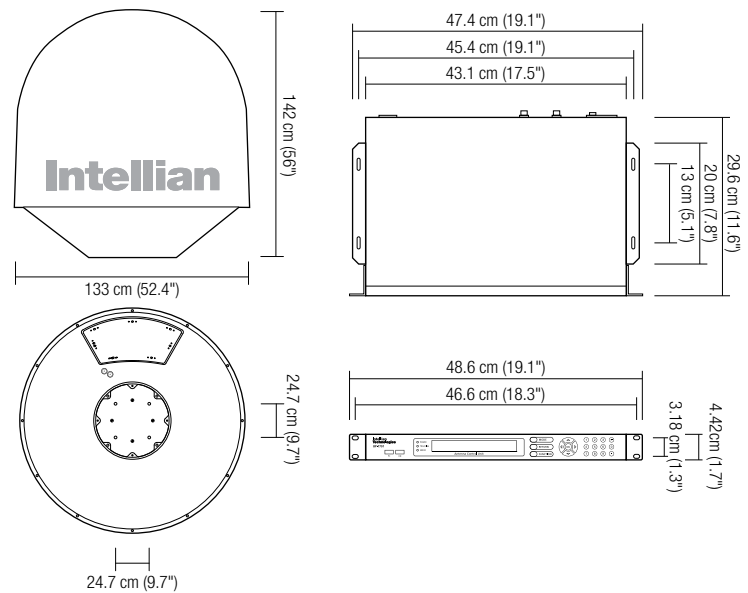
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### System Diagram



\*Receivers are not supplied

### Dimensions



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ISO 9001 Certified  
For more info, visit [intelliantech.com](http://intelliantech.com)

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