

Intellian® t130

**3-axis Satellite TV Antenna System
With 1.25m Dish Diameter**

Intellian® t130 is a 1.25m monster 3-axis stabilized satellite TV antenna system, the largest Intellian has ever offered. Instead of using a burdensome Dish Scan tracking method, the t130 incorporates Intellian's most well-known patents, WRS and DBT, fast search and tracking signal lock technologies. Therefore, regardless of how rough seas conditions are, the t130 can always guarantee to have crystal clear digital images and CD-quality sounds from satellite TV providers wherever you go.

The t130 is a high-gain, high-efficient system that features a smaller dish, but offers an extraordinary signal gain with a lower EIRP requirement than any other systems in its class. Its proven mechanical design incorporates Intellian's trademark simplicity and reliability to meet or exceed the most stringent vibration and shock standards.

It comes with 19" rack mount type control unit. The t130 provides you an interactive operating platform through its PC controller software with a user-friendly interface and completed list of a world satellite library. A fast upgrade is just one click away!

Technical Specifications

Product Model	Specifications
Intellian t130	3-Axis Marine Stabilized Ku-band Satellite TV Antenna System
Radome & Antenna	
Radome (D x H)	155 cm x 165 cm / 61.0" x 65.0"
Dish Diameter	125 cm / 49.2"
Weight	98 kg / 216 lbs
Stabilized Pedestal Assembly	
Pedestal Type	3-axis / Azimuth, Elevation, Cross-level
Azimuth Range	680° (Limited)
Elevation Range	-15° to 120°
Cross Level	Up to ± 30°
Ship's Motion	Roll +/- 25°, Pitch +/- 15°
Stabilization Accuracy	0.2° peak mis-pointing @ max ship motion condition
Max Ship's Motion	
Roll / Pitch / Yaw	+/-25°roll, +/- 15° pitch, +/-8° yaw @ 6 sec period
Turning Rate	12 deg/ sec
Antenna Reflector/ Feed Assembly	
Reception Frequency	10.7 ~ 12.75 GHz Ku-band
Polarization	Vertical/ Horizontal or RHCP/ LHCP
Skew Control	Automatic Skew-angle Control
Minimum EIRP	40 dBW
Rack Mount Antenna Control Unit	
Display	2 Line 40 Character Graphic VFD Module
Serial Interface	19200bps 8, N, 1, RS-232C
Power Requirement	110/220V AC, 50/60Hz, 1Phase (Max 100W)
Gyrocompass Interface	NMEA/ Synchro/ Step-by-Step



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