

# Sea Tel 6004

3-Axis marine stabilized antenna system compatible with Ku-Band satellites

2013 Data Sheet

The most important thing we build is trust

## The Model 6004 TV-at-Sea Antenna

Sea Tel's Model 6004 is the most powerful Ku-Band, DTH antenna with a greater range than other systems in its class. At 1.5 meters in dish diameter, the Model 6004 delivers crystal clear digital signals from satellite television providers around the world.

Technically, the Model 6004 is one of the most sophisticated marine antennas in the world. Its state-of-the-art three axis, servo-stabilized system enhanced with DISHSCAN tracking, provides reliable digital television and CD quality digital music while underway, even in the harshest marine conditions imaginable.

Just ask the thousands of fishermen, deep-water oil men, ferry operators, work boaters, yachtsmen and sailors who rely on Sea Tel marine satellite antenna systems.

All Sea Tel DBS TV-at-Sea systems accommodate any number of satellite receivers. Many TV sets may be installed onboard, each receiving its own programming from its own satellite receiver. Compatible with the services provided by the industries leading satellite companies like DirecTV™, DISH Network™, Bell TV™, Hotbird, Sky, Orbit and DirecTV Latin America (DLA)™.

## Specifications

- Antenna Dish Diameter: 1.5 meters / 60"
- Radome Dimensions: 1.9m/74.8in. D x 2m/78.9in. H (2.01m/79.1in. max at flange)
- Antenna Weight: 158.7 kg / 350 lbs. (including Radome)
- Antenna Gain: 44.2dB @12.5 GHz
- Minimum E.I.R.P.: 40.5
- European Antenna Polarization: Quad Linear
- U.S. Antenna Polarization: Dual Circular
- Type of Stabilization: 3-Axis Servo
- Ship's Motion: +/- 25° Roll and +/- 15° Pitch
- Roll & Pitch Response Rate: Unlimited
- Azimuth Turn Rate: 12°/sec
- Azimuth Range: 540°
- Elevation Range: -15° to +115° (allows full clearance for roll and pitch at minimum elevations)
- Power Requirements: 70 watts at 110 or 220 VAC, 50/60 Hz.
- Power requirements do not include satellite receiver or your TV set.
- Power to the antenna is supplied by the antenna control unit.
- Simple Coax only installation
- 2-year warranty on parts; 1-year labor
- Ready for Multiple satellite selection
- HD ready (except for use with DirecTV)



Sea Tel's three-axis satellite tracking system provides more reliable TV reception, even in rough waters. With signal loss due to antenna movement reduced to nearly zero, the performance of the Sea Tel three-axis system is comparable to a fixed antenna on shore!

For further information please contact:

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