

Sea Tel DTV04 HD

3-Axis marine stabilized antenna system compatible with DIRECTV's Ka-Band satellites

2008 Data Sheet

The most important thing we build is trust

The Model DTV04 HD TV-at-Sea Antenna

The first 3-Axis marine stabilized antenna system that is compatible with DIRECTV's Ka-Band satellites. The Model DTV04 HD is also the only marine stabilized antenna system that can deliver 3 Ku-Band satellites (101W, 110W, and 119W) and two Ka-Band satellites (99W and 103W) simultaneously with one antenna system. There is no need to have a second antenna system for Ka-Band reception.

The Model DTV04 HD features high performance stabilization and satellite tracking using a 3-axis closed loop stabilization system, providing quality performance in the roughest seas. The Model DTV04 HD has a compact, attractive all-white radome, DVB (Digital Video Broadcasting) signal identification, and Sea Tel's proprietary antenna control with fast-track signal lock software.

Specifications

- Dish Diameter: 22.5 in (H) x 32.5 in (W)
- Radome Diameter: 1.27 m; 50 in
- Radome Height: 1.3 m; 51.75 in
- Antenna Weight (Including Radome): 93.9 kg; 207 lbs
- Antenna Stabilization: 3-axis Closed loop
- Stabilization Motors: Brushless (quiet) DC Motors
- Built-In GPS Provides Automatic Satellite Acquisition
- Ship's Motion: +/- 25° Roll and +/- 15° Pitch
- Roll and Pitch Response Rate: Unlimited
- Azimuth Range: 680°
- Full Elevation Range 0° to 90°
- Tilt Control: Automatic
- Circular Polarization
- Tracking System: Dishscan (no rotating feed)
- More than 130 channels in HD and 65 XM Satellite radio channels
- The DTV04 HD antenna is compatible with DIRECTV service in the United States only.
- 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 satellite receiver.
- Unmatched stabilization accuracy allows the system to detect the slightest motion that may affect the antenna's connection and correct as needed.
- 2-year warranty on parts; 1-year labor.
- Ready for DIRECTV 5 satellite reception.
- DIRECTV HD Ready



Sea Tel's patented 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!