

# SEA TEL 100 TV

3-Axis marine stabilized antenna system ready for worldwide Ku-Band HD reception

2014 Product Sheet

The most important thing we build is trust

# COBHAM

**The Sea Tel 100 TV antenna system features advanced technology that enables the user to receive Ku-Band High Definition satellite services worldwide without ever having to change the LNB. With our simple to use MMI, changing satellite services is as simple as a few button clicks away.**

**With advanced stabilization, the Sea Tel 100 TV is made for extreme conditions. Whether at dockside, anchor or rocking and rolling on the 7 Seas, the Sea Tel 100 TV is the right antenna for watching your favorite satellite TV programming.**

## Key Features & Benefits

- Programmable LNB that receives worldwide Ku-Band services. No more changing LNB's when travelling to different regions of the world.
- Advanced stabilization for viewing satellite TV even in rough sea conditions.
- Integrated DVB-S2 tuner for reception and identification of DVB-S2 and DVB-S satellite broadcasts.
- Frequency tuned radome minimizes signal loss.
- Easy installation and use. Uses same bolt pattern as the Sea Tel Series 04 systems.
- Extensive capabilities for online and offline troubleshooting.
- Intuitive and secured user interface with extensive data logging capabilities.
- Worldwide service along with 2 years parts and 2 years labor warranty (Flex warranties available).
- Built to last in extreme conditions.
- Global satellite library.



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## Typical Data for Sea Tel 100 TV

### SPECIFICATIONS

Min. EIRP Ku-Band	41.5 dBW
Dish Diameter	101.6 cm (40 in)
Radome Diameter	136.46 cm (53.72 in)
Radome Height	152.2 cm (59.9 in)
ADE Weight	99.79 kg (220 lbs.)
Operating Temperature Range	-20 C to 55 C
Storage Temperature Range	-40 C to 70 C
Pedestal Type	3 Axis (Azimuth, Elevation, Cross Level)
Ships Motion	Roll +/- 25°; Pitch +/- 15°
Turning Rate	15° deg /sec @ 5° deg /sec <sup>2</sup>
Azimuth Range	680°
Elevation Range	-15° to 115°
Polarization	Linear/Circular Selectable
Stabilization Accuracy	0.2° Peak error under specified ship's motion
Skew Control	Automatic
LNB Type	Ku-Band Worldwide Programmable
Frequency Range	Ku-Band (10.7 - 12.75 GHz)
Warranty	2 years parts / 2 years labor

## Typical Data for Lite Media Exchange Point (LMXP)

- Standard 19 inch 1U rack mount
- 43.18 cm x 25.4 cm x 4.44 cm (17" x 10" x 1.75")
- 110/220VAC, 47-63 Hz, Single Phase
- 2.45 kg (5.4 lbs)
- 2 Ethernet Ports
- 1 F-type connector
- 8 Tri-colored MXP status LED's
- USB Device (Mini B)
- 1 RS-232 pass through port
- 1 NMEA RS-232 serial port
- 1 RS-232 Console Port
- Aux IN1 & Aux IN2
- SW1, SW2 (I/O)
- 1 Gigabit SFP Ethernet



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