

Smart Tether

Real-time, Non-acoustic Positioning for Kongsberg, MS1000
Tripod Mounted SONAR

The Smart Tether offers unmatched, real-time GPS location of the Kongsberg MS1000, tripod mounted SONAR. It is quick to deploy and easy to use. The Smart Tether also transmits the power and data between the surface and the tripod mounted SONAR.

In addition to determining the location of the tripod mounted SONAR, the Smart Tether also provides a live plot of the tether's shape in the water, improving overall situational awareness and safety.

Product Specifications (MODEL: ST-Kongsberg)

System:

- Standard Configuration Contains:
40 meter tether with 5 sensor nodes,
top side box, USB cable, Smart Tether software.
- Position update rate: greater than 5 Hz
- Position error: less than 3 meters (9 feet),
depending on deployment configuration
- Power requirement: 110-240 AC, 50-60 Hz
- Power usage: 2.5 Watts

Tether:

- Buoyancy in fresh water: neutral
- Diameter: 10mm (0.39 in)
- Working strength: 1780N (400 lbs)
- Connectors: 12 pin wet mateable
male at top side, 16 pin Impulse, with
integrated heading sensor and 9 pin
female at diver end.
- Sensor node diameter: 21.5 mm (0.85 in)
- Sensor node length: 152mm (6 in)
- Sensor depth: max 290 meters (950 ft)
saturation: 118 meters (388 ft)



Dealer Stamp

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