



EM-TRAK – COMMITTED TO VESSEL SAFETY & SECURITY

With over twenty five years of product design and engineering heritage our products offer the very best in quality engineering, reliability, usability and operational performance. To achieve this unique mixture of quality and performance we develop and deploy the most advanced core technologies coupled with proven professional standard product design.

EM-TRAK WARRANTY & SUPPORT

Em-trak is committed to providing the highest level of customer service. Our comprehensive global warranty ensures that in the unlikely event of a problem it will be resolved to your full satisfaction in the shortest possible time.

Further information about our warranty programme and instant advice and support for all our products can be obtained from our web site www.em-trak.com or your local authorised em-trak dealer.

The em-trak S100 is an aid to navigation and must not be relied upon to provide accurate navigation information. AIS is not a replacement for vigilant human lookouts and other navigation aids such as Radar. The performance of the S100 may be seriously impaired if not installed as instructed in the user manual, or due to other factors such as weather and or nearby transmitting devices. Compatibility with other systems may vary and is reliant on the third party systems recognising the standard outputs from the S100. em-trak reserves the right to update and change these specifications at any time and without notice.

Head Office:

em-trak Marine Electronics Ltd
Wireless House
Westfield Industrial Estate
Midsomer Norton
Bath BA3 4BS
United Kingdom

T +44 (0)1761 409 559
F +44 (0)1761 410 093
E enquiries@em-trak.com
W www.em-trak.com

USA Office:

em-trak Marine Electronics Ltd
470 Atlantic Avenue
4th floor
Boston
02210
USA

T +1 617 273 8395
F +1 617 273 8001
E enquiries@em-trak.com
W www.em-trak.com

EM-TRAK S100 FEATURES & SPECIFICATION

DIMENSIONS & WEIGHT

- > 100mm x 42mm x 138mm (W x H x D)
- > 250g

USER INTERFACES

- > Green LED for power indication
- > Amber LED for VHF TX indication
- > Amber LED for AIS TX indication

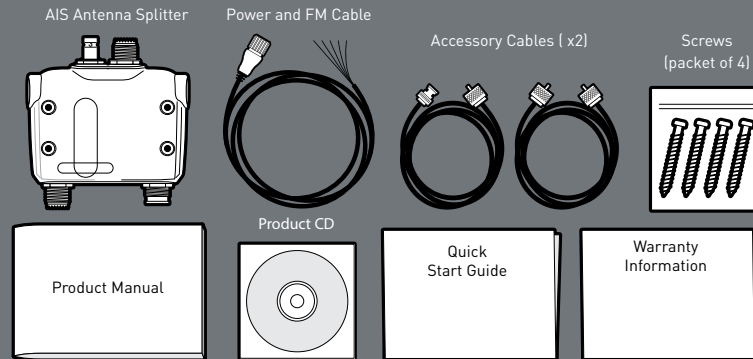
POWER

- > 12 to 24VDC (abs. max 9 to 32V)
- > Power consumption 1.8W

INSTALLATION REQUIREMENTS

- > Existing marine band VHF antenna
- > Class B AIS Transceiver
- > 12 – 24VDC power supply

WHAT'S IN THE BOX





S100

VHF RADIO / AIS ANTENNA SPLITTER

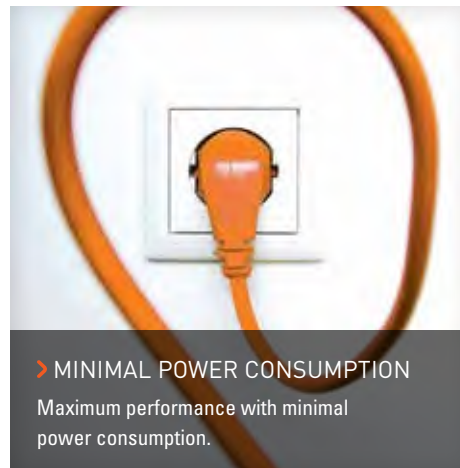
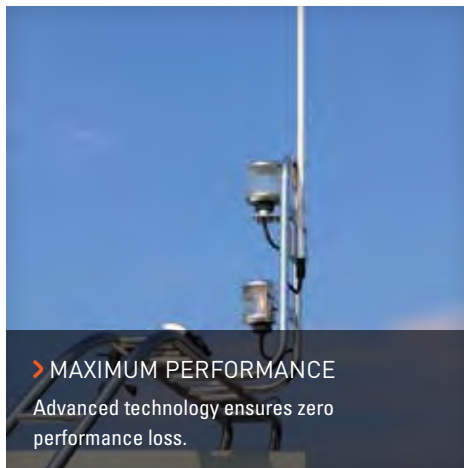




THE AIS S100 ANTENNA SPLITTER ENABLES YOUR AIS TRANSCIVER, VHF RADIO AND FM RADIO TO SHARE A SINGLE ANTENNA WITHOUT ANY LOSS OF PERFORMANCE. THE ULTIMATE CONVENIENCE ACCESSORY.

PRODUCT HIGHLIGHTS

- > Multiplexes multiple devices to a single VHF antenna
- > Zero performance loss
- > Small, easy to install & use
- > Auto fail safe feature



> KEY FEATURES

The em-trak S100 provides you with reliable, high performance VHF antenna sharing capability. With the S100 a single VHF antenna can simultaneously support the full operation of your AIS transceiver, VHF radio and FM radio.

After fifteen years of creating marine electronics products we understand the environment within which our products must operate. The S100 is a single small unit which is simple to install and use and has been specifically designed, engineered and manufactured for long term continuous use in even the most extreme marine environments.

The S100's core technology enables it with superior performance which translates into zero performance loss for the connected devices. The S100 is an ideal complement to a good quality Class B or Receiver where there is an existing VHF antenna available currently used for your VHF radio.

- > Zero loss patented technology
- > Auto fail safe operation
- > Small and robust
- > Plug & play connectivity
- > Low power consumption
- > Ruggedised, vibration resistant
- > Multi-lingual manuals
- > Built in fault check & fix system
- > Enhanced operating performance



Marine Electronics & Satellite Communications
www.mackaymarine.com

Mackay Marine
 +1 281 479 1515 marinesales@mackaymarine.com

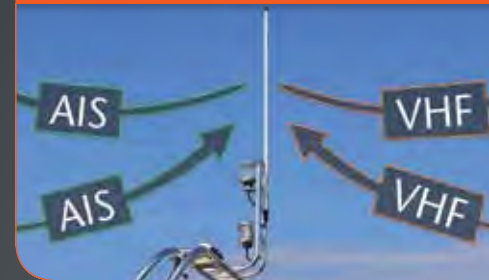
Mackay Communications, Satellite Solutions
 +1 919 850 3100 satserv@mackaycomm.com

Mackay Marine Canada
 +1 902 469 8480 sales.canada@mackaymarine.com

Mackay Govt. Group
 +1 904 880 4633 government@mackaycomm.com

> FEATURE HIGHLIGHTS

ZERO LOSS PERFORMANCE



The technology at the heart of the S100 ensures the maximum performance from all devices sharing a single antenna. Simply connect your VHF radio and AIS transceiver to the S100, it will take care of the rest.

AUTO FAIL SAFE OPERATION



Operation of the VHF radio always takes priority and in the event of power loss to the S100 it will automatically maintain VHF radio performance ensuring your safety in the event of an emergency.

THE EM-TRAK RANGE

