

PROFESSIONAL STANDARD RELIABILITY















em-trak 🆴

THE AIS S300 ANTENNA SPLITTER IS A SMALL,
ROBUST VHF ANTENNA SPLITTER THAT ALLOWS
YOUR AIS TRANSCEIVER AND VHF RADIO TO SHARE
A SINGLE ANTENNA.

EM-TRAK S300 PRODUCT OVERVIEW

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











> KEY FEATURES

The em-trak S300 provides you with reliable, high performance VHF antenna sharing capability. With the S300 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 S300 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 S300's core technology enables it with superior performance which translates into zero performance loss for the connected devices. The S300 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 performance
- > 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

> FEATURE HIGHLIGHTS



The technology at the heart of the S300 ensures the maximum performance from all devices sharing a single antenna. Simply connect your VHF radio and AIS transceiver to the S300, it will take care of the rest.



Operation of the VHF radio always takes priority and in the event of power loss to the S300 it will automatically maintain VHF radio performance ensuring your safety in the event of an emergency.

>OPTIONS

The S300 is designed to support all AIS and VHF radio operation and therefore no additional options or functionality is available.





AIS SART





AIS B300 AIS Receiver





To download technical data sheets and find out more use the QR code or visit www.em-trak.com

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 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 performance of the \$300 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 recognizing the standard outputs from the \$300. em-trak

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EM-TRAK S300 FEATURES & SPECIFICATION

DIMENSIONS & WEIGHT

- 140 x 100 x 50 mm (D x W x H)
- 280g

RE INTERFACES

- VHF antenna output SO239 connector
- VHF radio input SO239 connector
- AIS input BNC connector

POWER

- 12 or 24V DC
- Power consumption: 150mA @12VDC, <2W average

RF TRANSCEIVER

- Insertion loss (receive) 0dB
- Insertion loss (transmit) < 1dB
- Power handling VHF port: 25W
- Power handling AIS port: 12.5W
- Operating frequency range: 156.000 to 163.425MHz

WHAT'S IN THE BOX

VHS antenna splitter Power and FM cable







Screws (packet of 4)



Product manual

Quick start quide

Warranty information

