



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 B350 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 B350 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 B350. em-trak reserves the right to update and change these specifications at any time and without notice.

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EM-TRAK B350 FEATURES & SPECIFICATION

DIMENSIONS & WEIGHT

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

DATA INTERFACES

- > USB
- > NMEA2000®
- > IEC61162-1 (NMEA0183) output, 38400baud
- > IEC61162-1 (NMEA0183) input, 4800baud
- > Silent mode switch input

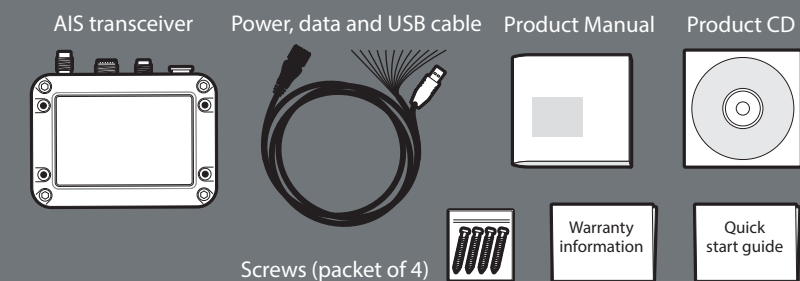
POWER

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

CERTIFICATION

- > CE marking under RED directive for Europe
- > FCC
- > ISED (Industry Canada)
- > IEC Class B 'CS' AIS Standard IEC 62287-1

WHAT'S IN THE BOX



EM-TRAK DEALER

WWW.EM-TRAK.COM



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B350 AIS CLASS B





THE AIS CLASS B B350 IS A SMALL ROBUST, FULLY INTEGRATED IP67 WATER AND WEATHERPROOF 5W SOTDMA CLASS B WITH OPTIONAL WIFI, IDEAL FOR LEISURE AND COMMERCIAL VESSEL OF ALL TYPES.

PRODUCT HIGHLIGHTS

- > SOTDMA Class B providing enhanced 5w transmit power as well as transmit priority in busy areas HF-AIS enhanced performance
- > Globally certified CE, FCC, USCG
- > IP67 waterproof
- > Integrated GPS antenna
- > Transmit on/ off



International Type Approvals



> KEY FEATURES

The em-trak B350 AIS Class B offers a unique combination of toughness and performance which is ideal for use in harsh commercial marine environments. The B350 AIS Class B is the perfect choice for small commercial boats or the serious off-shore sailor due to its high transmit power, increased transmit rate, functionality and ruggedized weather and water proof construction.

- > Fully certified AIS Class B
- > Waterproof IP67 certified
- > Shock and vibration proof
- > Low power consumption
- > Receives and processes all AIS message types
- > Silent mode feature.
- > Multiple interfaces, NMEA0183, NMEA2000 ensures plug and play compatibility with most display systems
- > Internal GPS antenna means that an external GPS antenna is optional
- > Optional anti-tamper and security features.

> FEATURE HIGHLIGHTS

TRANSMIT ON/OFF



The B350 provides the option of transmit on / off capability allowing the user to decide whether or not to transmit their vessel location

RUGGEDISED



The B350 is a truly ruggedised device designed to operate reliably for years without maintenance in even the harshest external marine environment.

> CONFIGURATION OPTIONS

The B350 can be enhanced and customised to meet a wide range of specific user and regional requirements.

- > Anti-tamper
- > Encryption
- > Configurable frequency and channels
- > Customised AIS messaging
- > SAT-Trak enhanced satellite tracking



Please contact us with your specific requirements for a quote.



> TOUGH & ROBUST
Toughened and completely weather proof for internal or external use.



> INTERNAL GPS ANTENNA
Integrated high performance GPS antenna. External GPS antenna optional.



> PLUG & PLAY
NMEA2000, NMEA0183, USB intelligent connectivity.



> PROVEN PERFORMANCE
Advanced HF-AIS™ technology guarantees superior receive and transmit performance.



THE EM-TRAK RANGE

