



## 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](http://www.em-trak.com) or your local authorised em-trak dealer.

The em-trak B330 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 B330 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 B330. em-trak reserves the right to update and change these specifications at any time and without notice.

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### EM-TRAK B330 FEATURES & SPECIFICATION

#### DIMENSIONS & WEIGHT

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

#### DATA INTERFACES

- WiFi
- USB
- Integrated GPS antenna
- NMEA2000®
- Silent mode switch input
- IEC61162-1 (NMEA0183) output, 38400baud
- IEC61162-1 (NMEA0183) input, 38400baud

#### POWER

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

#### CERTIFICATION

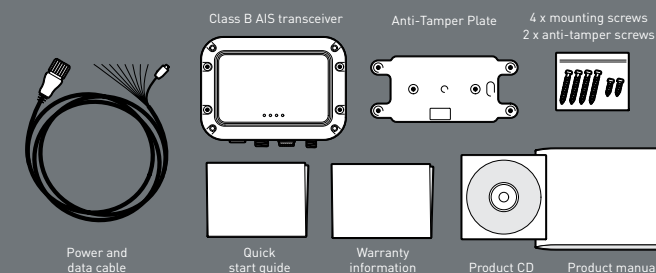
- CE marking under R & TTE directive for Europe
- FCC
- Industry Canada
- Class B 'CS' AIS Standard IEC62287-1 (Edition 2.0)

#### VHF TRANSCEIVER

- Transmitter x 1 / Receiver x 2
- Frequency: 156.025 to 162.025 MHz in 25kHz steps
- Output power: 2W
- Receiver sensitivity: <-110dBm @ 20% PER

Full specification and manual available at [www.em-trak.com](http://www.em-trak.com)

#### WHAT'S IN THE BOX



EM-TRAK DEALER

### Maritec Trust

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South Africa

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Fax: +27 (0)86 672 2596  
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Web: <https://store.maritec.co.za>



# B330 AIS CLASS B WITH WIFI

WWW.EM-TRAK.COM



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**THE AIS CLASS B B330 IS A SMALL, ROBUST, INTERNATIONALLY CERTIFIED, FEATURE-RICH AIS CLASS B TRANSCIVER IDEAL FOR COMMERCIAL AND LEISURE OF ALL TYPES.**

**EM-TRAK B330 PRODUCT OVERVIEW**

- > Global Certification
- > IPx6 and IPx7 Waterproof
- > Receives and processes all AIS message types.
- > Integrated GPS antenna
- > WiFi
- > Integrated Voyage Data Logger message types.

International Type Approvals



**> KEY FEATURES**

The em-trak B330 AIS Class B offers a unique combination of toughness and performance which is ideal for use in harsh commercial marine environments.

After twenty five years of creating marine electronics products we understand the harsh realities of the commercial marine environment. The B330 is engineered and manufactured specifically to operate reliably and securely in these conditions whilst delivering best in class AIS receive and transmit performance.

- > Fully certified AIS Class B
- > Waterproof – IPx6 and IPx7 certified
- > Shock and vibration proof
- > Low power consumption
- > Receives and processes all AIS message types
- > Silent mode feature
- > Integrated long range WiFi
- > Multiple interfaces: NMEA0183, NMEA2000 ensures plug and play compatibility with most display systems
- > Internal GPS antenna means that an external GPS antenna is optional

**> OPTIONS**

The B330 can be enhanced and customised to meet a wide range of specific user and regional requirements.

- > Encryption
- > Configurable frequency and channels
- > Configurable CS operating mode
- > Customised AIS messaging
- > Variable transmit power
- > Enhance Satellite AIS technology - SAT-Trak
- > Optional anti-tamper security feature

**> B330-BLACK FOR NAVY & COAST GUARDS**

The B330 Black provides additional custom functionality such as sophisticated encryption, enhanced satellite detection and other features for Navies and Coast Guards. Contact us with your precise requirements.

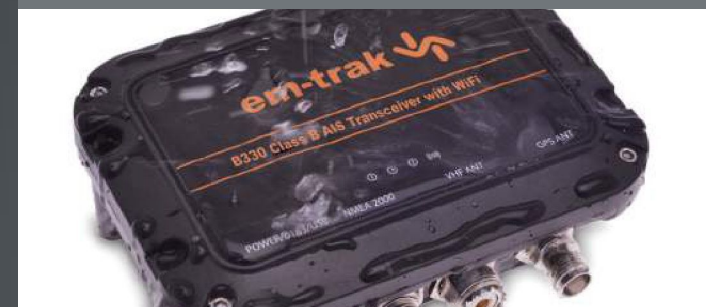
**> FEATURE HIGHLIGHTS**

**ANTI-TAMPER**



The B330 provides the option of a sophisticated anti-tamper feature which prevents unauthorised removal and/or tampering of the device once installed.

**RUGGEDISED**



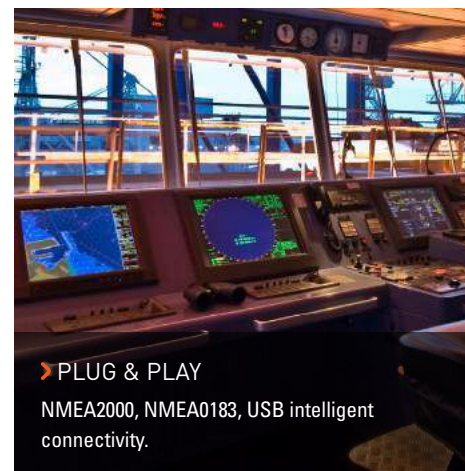
The B330 is a truly ruggedised device designed to operate reliably for years without maintenance in even the harshest external marine environment.



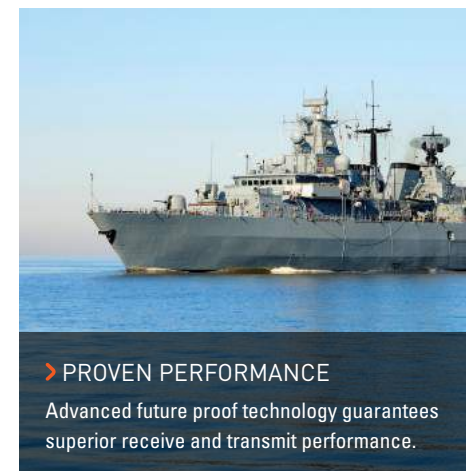
**> TOUGH & ROBUST**  
Toughened and completely weather proof for internal or external use.



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



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



**> PROVEN PERFORMANCE**  
Advanced future proof technology guarantees superior receive and transmit performance.

ALSO IN THE RANGE



AIS Class A A200



AIS Class B B400



AIS Class B B100



AIS SART SART



AIS Receiver R100

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