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 reliability, usability and performance. To achieve this unique mixture of quality and performance we design and develop 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.

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 B400 FEATURES & SPECIFICATION

WHAT’S IN THE BOX

- Product CD
- Warranty card
- Product Mounting Template
- Quick Start Guide
- AIS transceiver
- Fixings

DIMENSIONS & WEIGHT

152mm x 165mm x 79mm (W x H x D) 2 kg

DATA INTERFACES

NMEA0183 (IEC61162-1/2) bi-directional ports x3
NMEA0183 (IEC61162-1/2) sensor inputs x3
NMEA2000
WiFi

POWER

12 to 24V DC
Power consumption < 12W

CERTIFICATION

FCC, Industry Canada
CE marking under Radio Equipment Directive (RED) for Europe

Full specification and manual available at www.em-trak.com

EM-TRAK B400 is an aid to navigation and must not be relied upon to provide accurate navigation information. AIS transponders for higher human safety cannot substitute navigational aids to prudent navigation. AIS data does not replace the use of other navigational instruments such as radar and other radio equipments. Em-trak reserves the right to update and change these specifications at any time and without notice.

The Em-trak B400 is an aid to navigation and must not be relied upon to provide accurate navigation information. AIS data does not replace the use of other navigational instruments such as radar and other radio equipments. Em-trak reserves the right to update and change these specifications at any time and without notice.

AIS transponder

Fixings

Product CD

Power cable

GPS antenna and cable

Data accessory cable

Mounting bracket

B400

AIS CLASS B (5W - SOTDMA)
THE B400 IS A FULLY CERTIFIED SOTDMA TRANSCEIVER WITH 2.5 TIMES THE TRANSMIT POWER OF STANDARD CLASS B.

The B400 is a powerful and tough AIS Class B ideally suited for offshore and professional mariners.

As an SOTDMA type Class B, the B400 enjoys transmit power of 5W instead of the standard 2W as well as transmit priority in busy areas. This translates into enhanced operational performance.

The B400 is a robust, weatherproof, fully integrated unit incorporating a high-resolution full colour display, CMAP charting and a broad range of functionality. Its flexible connectivity options that include WiFi, NMEA0183 & 2000 make installation and interoperability with your other systems quick and easy.

A wide range of functionality including MOB & SAR alert tracking, alert tracking, real-time AIS AtoN sensor information display, filters, alerts and much more make this an essential device for any serious mariner.

B400-BLACK FOR NAVY & COAST GUARDS

The B400-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.

MAN OVER BOARD TRACKER

Upon receipt of a MOB / SART alert, the B400 allows you to easily locate and track the signal, providing continuous clear bearing and distance information in real time.

TRANSMIT POWER

The B400 is a certified SOTDMA Class B transceiver with a powerful 5W transmitter for enhanced range.

KEY FEATURES

The B400 is a powerful and tough AIS Class B ideally suited for offshore and professional mariners.

As an SOTDMA type Class B, the B400 enjoys transmit power of 5W instead of the standard 2W as well as transmit priority in busy areas. This translates into enhanced operational performance.

The B400 is a robust, weatherproof, fully integrated unit incorporating a high-resolution full colour display, CMAP charting and a broad range of functionality. Its flexible connectivity options that include WiFi, NMEA0183 & 2000 make installation and interoperability with your other systems quick and easy.

A wide range of functionality including MOB & SAR alert tracking, alert tracking, real-time AIS AtoN sensor information display, filters, alerts and much more make this an essential device for any serious mariner.

B400-BLACK FOR NAVY & COAST GUARDS

The B400-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.

MAN OVER BOARD TRACKER

Upon receipt of a MOB / SART alert, the B400 allows you to easily locate and track the signal, providing continuous clear bearing and distance information in real time.

TRANSMIT POWER

The B400 is a certified SOTDMA Class B transceiver with a powerful 5W transmitter for enhanced range.

KEY FEATURES

The B400 is a powerful and tough AIS Class B ideally suited for offshore and professional mariners.

As an SOTDMA type Class B, the B400 enjoys transmit power of 5W instead of the standard 2W as well as transmit priority in busy areas. This translates into enhanced operational performance.

The B400 is a robust, weatherproof, fully integrated unit incorporating a high-resolution full colour display, CMAP charting and a broad range of functionality. Its flexible connectivity options that include WiFi, NMEA0183 & 2000 make installation and interoperability with your other systems quick and easy.

A wide range of functionality including MOB & SAR alert tracking, alert tracking, real-time AIS AtoN sensor information display, filters, alerts and much more make this an essential device for any serious mariner.

B400-BLACK FOR NAVY & COAST GUARDS

The B400-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.

MAN OVER BOARD TRACKER

Upon receipt of a MOB / SART alert, the B400 allows you to easily locate and track the signal, providing continuous clear bearing and distance information in real time.

TRANSMIT POWER

The B400 is a certified SOTDMA Class B transceiver with a powerful 5W transmitter for enhanced range.

KEY FEATURES

The B400 is a powerful and tough AIS Class B ideally suited for offshore and professional mariners.

As an SOTDMA type Class B, the B400 enjoys transmit power of 5W instead of the standard 2W as well as transmit priority in busy areas. This translates into enhanced operational performance.

The B400 is a robust, weatherproof, fully integrated unit incorporating a high-resolution full colour display, CMAP charting and a broad range of functionality. Its flexible connectivity options that include WiFi, NMEA0183 & 2000 make installation and interoperability with your other systems quick and easy.

A wide range of functionality including MOB & SAR alert tracking, alert tracking, real-time AIS AtoN sensor information display, filters, alerts and much more make this an essential device for any serious mariner.

B400-BLACK FOR NAVY & COAST GUARDS

The B400-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.

MAN OVER BOARD TRACKER

Upon receipt of a MOB / SART alert, the B400 allows you to easily locate and track the signal, providing continuous clear bearing and distance information in real time.

TRANSMIT POWER

The B400 is a certified SOTDMA Class B transceiver with a powerful 5W transmitter for enhanced range.