em-trak

Wi-Fi

em-trak A200 AIS Class A

14:23:17 UTC | SOG 0.0km/h | 51° 16.7910' N
COG - | 002° 27.9450' W
CHART

A200

AIS CLASS A

HIGH PERFORMANCE PRODUCTS FOR MARITIME APPLICATIONS

em-trak

Wi-Fi

A200 AIS Class A

THE **A200** IS A FULLY CERTIFIED **AIS CLASS A** WHICH DELIVERS A NEW LEVEL OF PERFORMANCE, RELIABILITY AND FUNCTIONALITY.

EM-TRAK A200 FEATURE HIGHLIGHTS

- Fully certified (Deep Sea & Inland Waterway)
- Water and weather proof (IPx6 & IPx7)
- Integrated high-resolution colour display
- Full Electronic Navigation Chart engine & display
- Integrated long range WiFi connectivity
- Dual NMEA0183 & 2000

WEATHER PROOF
Completely water and weather proof IPx6 and IPx7 with anti shock and vibration.

HD COLOUR DISPLAY
Full charting (CMAP), dual text & graphic interface with day and night display modes.

ERGONOMIC INTERFACE
Robust buttons and rotary knobs ensure easy and reliable operation in all conditions.

CONNECTIVITY INTELLIGENCE
NMEA0183, 2000 and WiFi make connectivity with other bridge systems quick and easy.

> KEY FEATURES

The A200 is the world's most sophisticated, fully integrated, globally certified high performance AIS Class A transceiver.

Proven, superior real world AIS message receive and transmit and message processing performance is delivered by advanced core SDR AIS technology from the global leaders in AIS technology - SRT Marine Technology. This state of the art technology ensures you see more targets more of the time at maximum range.

The integrated high visibility full colour display delivers a huge range of functionality within an intuitive multi-lingual menu system that makes day to day use of the A200 easy. A full colour HD screen coupled with clear graphic and text display allows you maximise your benefit from the wide range of functionality. Functionality that includes detailed charting with AIS target overlay, simple AIS radar display, multiple AIS target filters, alarm management and MOB tracking to name just a few.

Despite the sophistication and performance, the A200 is engineered from the ground up to be the toughest AIS transceiver. IPx6 water and weather proof, coupled with vibration and shock resistance means that the A200 can be installed and operated in any marine environment - internal or external.

The unique combination of the A200's performance, functionality and toughness makes it the ideal choice for all commercial or military users who demand optimal performance and reliability.

> Single fully integrated Class A transceiver
> Water and weather proof - IPx6 & IPx7 certified
> Integrated WVGA colour display
> Full Electronic Navigation Chart operation
> Multi-lingual menu options
> Day light and night display modes
> Integrated long range WiFi
> Dual NMEA0183 and NMEA2000

> Ruggedized - temperature/shock protection
> MOB & SAR alert and tracking system
> Internationally certified - SOLAS, IMO, USCG, FCC, EU, CCNR, Industry Canada
> Continuous internal fault check & diagnosis system
> Intelligent connectivity for all bridge systems: Gyrocompass, ECDIS, VHF DSC etc
> Receives and decodes all AIS message types
> Pilot port

> A200-BLACK FOR NAVY & COAST GUARDS

The A200 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

INNOVATIVE MOB FUNCTIONALITY

Upon receipt of a MOB/SART alert, the A200 allows you to easily locate and track the signal providing continuous clear bearing and distance information in real time.

ELECTRONIC NAVIGATION CHART (ENC)

The A200 has an integrated powerful electronic chart engine supplied as standard with a global base chart. Detailed CMAP charts can be added via the SD card interface.

ALSO IN THE RANGE

AIS Class B 5 W SOTDMA	AIS Class B	AIS Antenna Splitter	AIS Receiver	AIS SART	AIS Identifier	AIS Class B
B400	B100	S100	R100	SART	I100	B330

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.

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EM-TRAK A200 FEATURES & SPECIFICATION

DIMENSIONS & WEIGHT

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

DATA INTERFACES

- NMEA0183 (IEC61162-1/2) bi-directional ports x3 (External Display, Pilot Port, Long Range/DGNSS)
- NMEA0183 (IEC61162-1/2) sensor inputs x3
- DGPS correction data input (ITU-R M.823-2)
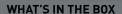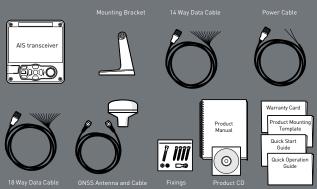- Alarm Relay Output
- NMEA2000
- WiFi

POWER

- 12 to 24V DC
- Power consumption < 12W

CERTIFICATION

- Fully compliant to International Maritime Organisation
- Dual deep sea and Inland AIS
- IMO/SOLAS, FCC, Industry Canada, CCNR
- CE marking under Radio Equipment Directive (RED) for Europe
- Marine Equipment Directive (MED) compliant

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

WHAT'S IN THE BOX

AIS transceiver   Mounting Bracket   14 Way Data Cable   Power Cable

18 Way Data Cable   GNSS Antenna and Cable   Fixings   Product CD   Product Manual   Warranty Card   Product Mounting Template   Quick Start Guide   Quick Operation Guide

EM-TRAK DEALER

WWW.EM-TRAK.COM