



PROFESSIONAL STANDARD RELIABILITY

Product Code: 405-0025

A100

AIS CLASS A

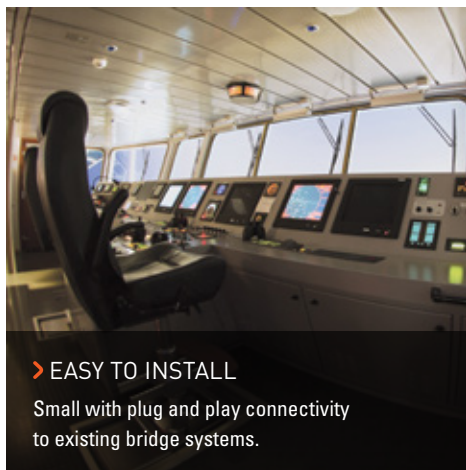




THE AIS CLASS A100 IS THE WORLD'S BEST SELLING CLASS A TRANSCEIVER FULLY CERTIFIED FOR DEEP SEA, COASTAL AND INLAND WATERWAY VESSELS.

EM-TRAK A100 PRODUCT OVERVIEW

- › Global Certification
- › Easy to install & use
- › Plug & play connectivity with existing systems
- › Robust & reliable



› EASY TO INSTALL

Small with plug and play connectivity to existing bridge systems.



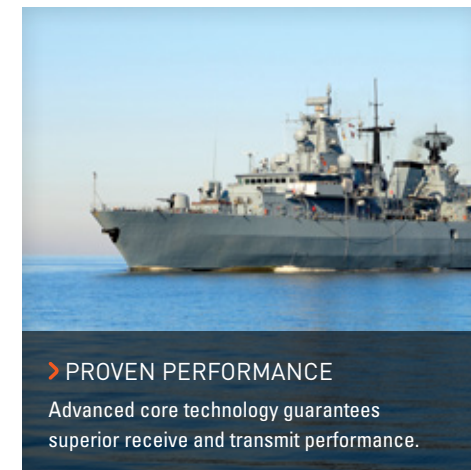
› PROVEN RELIABILITY

Ruggedised design ideal for even the toughest professional environment.



› EASY TO USE

Simple, intuitive controls to access all features and functions.



› PROVEN PERFORMANCE

Advanced core technology guarantees superior receive and transmit performance.

➤ KEY FEATURES

The feature rich em-trak A100 provides you with a unique combination of ease of use, reliability and operational performance making it the ideal AIS Class A for any commercial vessel.

After fifteen years of creating marine electronics products we understand the environment within which you work and therefore where our products must operate. The A100 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 A100's track record of operational practicality, reliability and performance has been built by the tens of thousands of professional (commercial and navy) mariners who rely on their A100 to provide reliable service day after day, year after year. The A100 is the only Class A you will ever need.

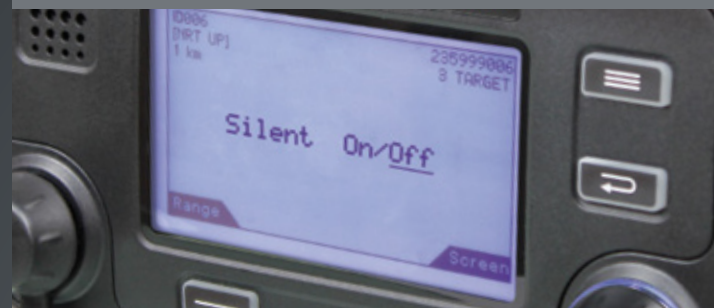
- Fully certified – IMO, EU, US, Global
- Single robust unit
- Plug & play connectivity with other systems
- Feature rich
- Low power consumption
- Silent mode
- Dual graphic and text display
- High visibility display
- Ruggedised
- MOB & SART alert system
- Multi-lingual display & manuals
- On board Pilot plug
- Intuitive menu system
- Built in fault check & fix system
- Inland waterway and deep sea operating modes
- Enhanced operating performance
- Text message transmit & receive function
- Receives and processes all AIS message types
- Inland waterways certified

➤ OPTIONS

The functionality of the A100 can be enhanced to meet a wide range of specific user and regional requirements. This may include the implementation of security features such as encryption, special input functionality and enhanced satellite message detection technology. Please contact us with your specific requirements for a quote.

➤ FEATURE HIGHLIGHTS

SILENT MODE



The transmit functionality of the A100 can be switched on and off whilst continuing to receive all AIS messages.

COMPACT & POWERFUL



The A100 is the smallest, easiest to install and operate Class A on the market.

ALSO IN THE RANGE



AIS Class B



AIS Antenna Splitter



AIS Receiver



AIS SART



AIS Identifier



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 A100 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 A100 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 A100. em-trak reserves the right to update and change these specifications at any time and without notice.

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EM-TRAK A100 FEATURES & SPECIFICATION

DIMENSIONS & WEIGHT

- > 210mm x 105mm x 138mm (W x H x D)
- > 1.4 kg

DATA INTERFACES

- > RS232 38.4k baud bi-directional (PC connection)
- > IEC61162-2 bi-directional interfaces x 3
- > IEC61162-1/2 sensor inputs x 3
- > DGPS correction data input (ITU-R M.823-2)
- > NMEA0183 compliant

POWER

- > 12 to 24V DC
- > Power consumption 10W

CERTIFICATION

- > Fully compliant to IMO international AIS standards
- > Dual deep sea and inland waterway
- > IMO/SOLAS, FCC, Industry Canada, CCNR
- > CE marking under R & TTE directive for Europe
- > Marine Equipment Directive (MED) compliant

WHAT'S IN THE BOX

