

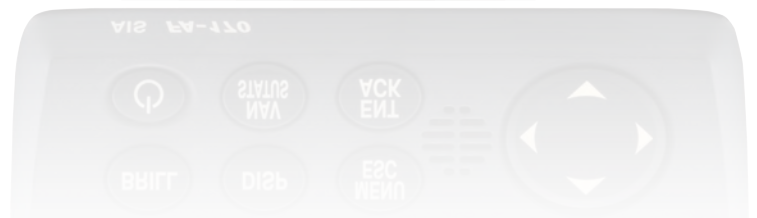
FURUNO

AIS

(Automatic Identification System)
with **Encrypted AIS Function**

Model:

FA-170



The encrypted AIS (EAIS) function of the FURUNO AIS FA-170 offers secured information exchange between fleet vessels, in addition to standard open information exchange, making it an essential tool for organizations responsible for securing and monitoring coastlines and waterways.

Operational modes

▶ Normal mode

The FA-170 receives both unencrypted and encrypted AIS messages, and transmits open unencrypted AIS messages. Vessels can be seen within the encrypted group, as well as open unencrypted group.

▶ Rx only mode

The FA-170 does not transmit anything over VHF, and receives both unencrypted and encrypted AIS messages. Vessels using Rx only mode are hidden to all vessels.

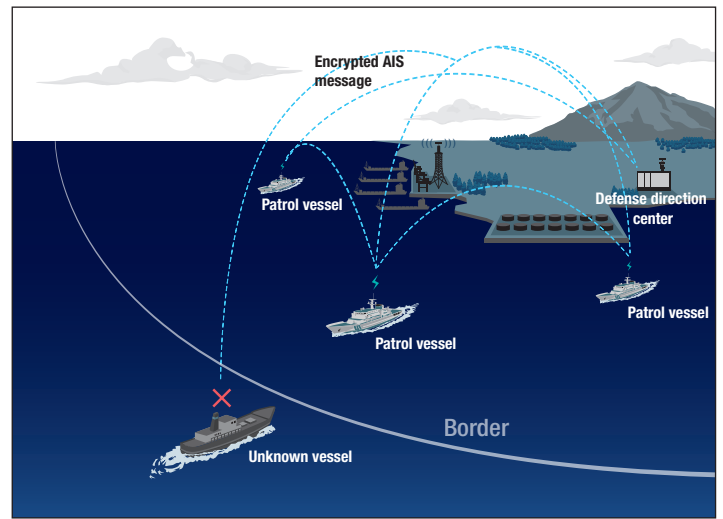
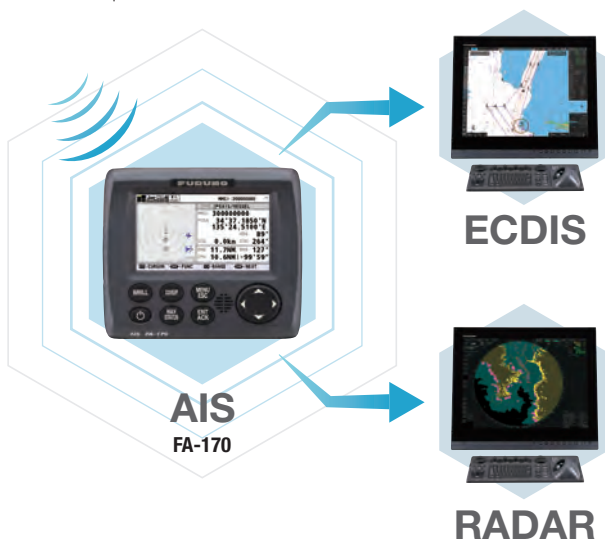
▶ Restricted mode

The FA-170 transmits only encrypted AIS messages including position report and user editable text messages. It receives both unencrypted and encrypted AIS messages. Vessels using restricted mode can only be seen within the encrypted group.

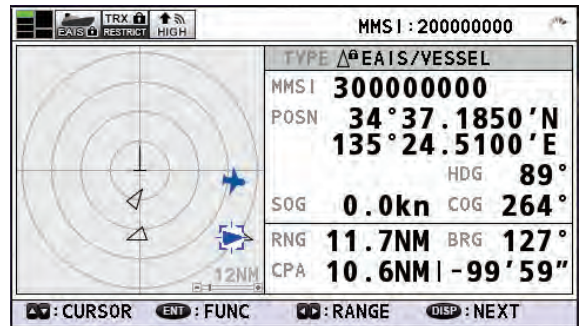
Displays the decrypted AIS message on ECDIS/Radar

When the FA-170 receives an encrypted message from the group, it automatically decrypts and displays the message on the FA-170 or interfaced ECDIS, radar, NavNet 3D/TZtouch/TZtouch2 and other navigational equipment.

* for the connection between FA-170 and NavNet TZtouch or TZtouch2, IF-NMEA2K2 is required.

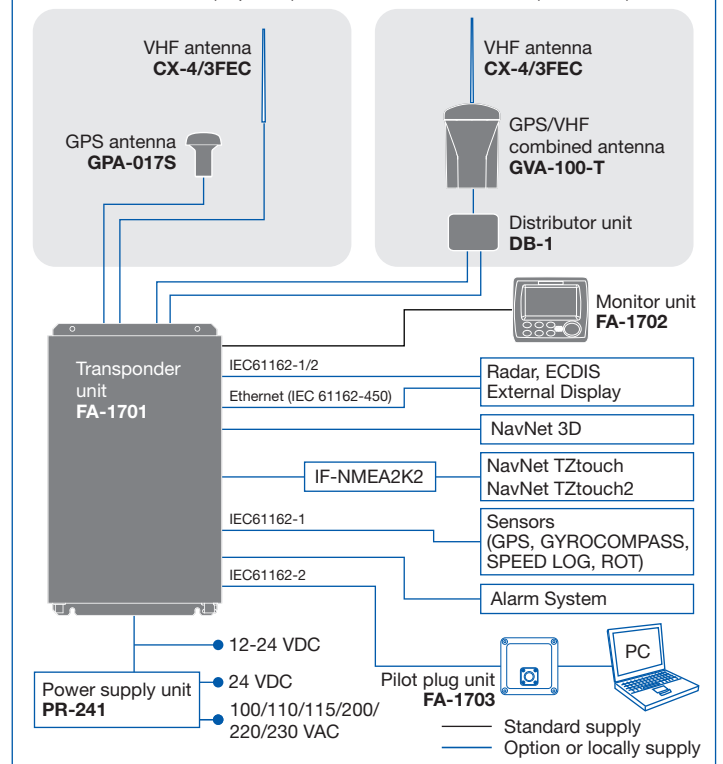


EAIS symbols



INTERCONNECTION DIAGRAM

Antenna unit (Separate) or Antenna unit (Combined)



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