

*Empowering AtoN  
by AIS Technology!*



**MANDO series**

**Empowering AtoN by AIS Technology -**

AMEC MANDO-301/-303 is an AIS AtoN (Aids to Navigation) equipment that provides accurate and real time information to nearby vessels and shore stations. MANDO-301 is a type 1, and MANDO-303 is a type 3 model.

**Meteorological & Hydrological Supports -**

The MANDO series prevents collisions by transmitting position of a fix or a floating AtoN. It has the ability to transmit meteorological and hydrological data with proper additional sensors installed.

**Range Extension via Chaining -**

MANDO is designed with state-of-the-art technologies to offer users many possibilities with ease of integration. As a first in the class, MANDO-303 supports chaining functions which has been successfully approved by BSH. To extend transmission range, the feature has the ability to chain several units to cover a wider area and it definitely brings flexibilities in implementations.

- ▶ Fully compliant with IALA , IEC, and ITU standards
- ▶ Support chaining and RATDMA (MANDO-303 only)
- ▶ Capable to repeat SART, 6, 8 messages (MANDO-303 only)
- ▶ Support remote configuration control (MANDO-303 only)
- ▶ Support synthetic and virtual transmissions
- ▶ Supply with user-friendly window-based configuration tool
- ▶ Support messages 21, 6, 7, 8, 12, 13, 14, 25 (depends on hardware & software configuration)
- ▶ Support meteorological & hydrological message (Message 8)
- ▶ Ultra low power consumption
- ▶ Slim PCB module to integrate with lantern
- ▶ Optional extension I/O boards available
- ▶ Robust housing (IP67)
- ▶ Custom design flexibility upon request
- ▶ BSH/CE/FCC/USCG approved

**KEY FEATURES**

**APPLICATIONS**

- ▶ **Lantern**
- ▶ **Buoy**
- ▶ **Offshore Platform**
- ▶ **Lighthouse**