

THE SCIENCE **ACR** OF SURVIVAL



# AISLink CB1

Class B Automatic Identification System



Internal GPS  
Antenna



Approved Worldwide

Take advantage of the ACR AISLink Class B Automatic Identification System (AIS) transceiver and ensure that you can see and be seen on the water. Perfect for areas of high congestion or for those times when visibility is poor, the AISLink Class B allows users to transmit important information about their vessel while also receiving real-time AIS transmissions from others.





# ACR AISLink CB1

## Class B Automatic Identification System

The ACR AISLink CB1 AIS is approved worldwide and is an extremely reliable transceiver which incorporates a number of convenient user features. With an internal GPS antenna, which makes an external antenna optional, users are able to save time on installation while also saving on space. Additional design features which offer further convenience include a small, rugged, and waterproof (IPx7 certified) design with low power consumption.

The AISLink CB1 also features NMEA0183 and NMEA2000 data output which allows for seamless interaction with navigation

systems. The ability to place the transceiver in silent mode also provides both privacy and security as this enables users to turn off the transmission of identifying information while still seeing transmissions from other vessels with AIS.



Easy Install



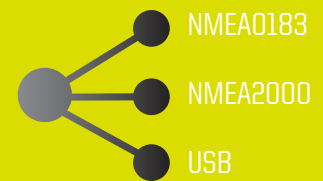
Default Frequencies:  
AIS 1 - 161.975 MHz,  
AIS 2 - 162.025 MHz



Low Power Consumption



Silent Mode



Multiple Interfaces



Waterproof IPx7

## SPECIFICATIONS

Product Number 2672

Size 5.5" x 3.9" x 1.9" (140mm x 100mm x 50mm)

Weight 9.87 oz (280 g)

Power Supply 12 to 24VDC

Power Consumption 150mA @ 12VDC, <2W average

Data Interface NMEA 2000  
USB  
IEC61162-1 (NMEA0183) output, 38400baud  
IEC61162-1 (NMEA0183) input, 4800baud  
Silent mode switch input

User Interface LEDs for power, transmit timeout, error, and silent mode

Waterproof IPx7 rated for water ingress

Operating Temp. 5°F to 131°F (-15°C to 55°C)

IEC 60945 'Protected' category

### VHF Transceiver

Transmitter x 1

Receiver x 2

Frequency 156.025 to 162.025MHz in 25KHz steps

Output Power 2W

Receiver Sensitivity <-110dBm @20% PER

### GPS Receiver

Channels 50

Compliance IEC61108-1

### Standards Compliance

Approvals FCC, USCG, EU R&TTE CE, Industry Canada

AIS Standards IEC62287-1 Edition 2, ITU-R M.1371-4

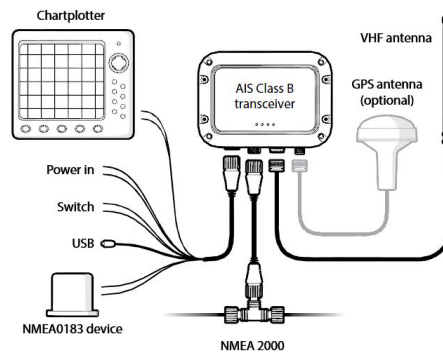
Environmental Standard IEC60945 Edition 4

Serial Data Interface Standards IEC61162-1  
IEC61162-2 Edition 2

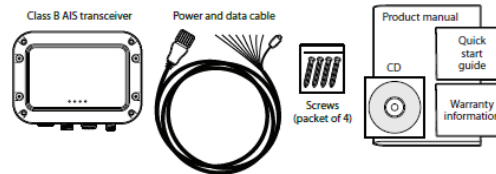
GPS Performance Standard IEC61108-1

NMEA2000® Interface Standard NMEA2000® Edition 2.20

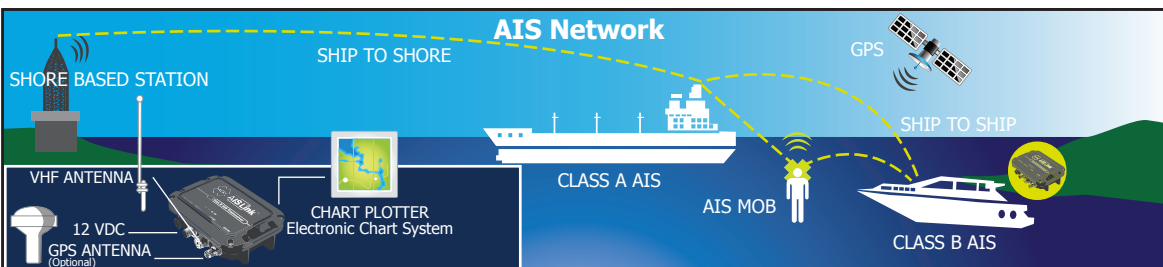
Product Safety EN60950-1 2006 +A11:2009  
+A1:2010 +A12:2011



### What's In The Box



Note: An MMSI number is required for the AIS transceiver to operate. U.S. residents using an AIS Class B transceiver in U.S. waters should make sure that their retailer has configured the product prior to buying it.



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