

THE SCIENCE **ACR** OF SURVIVAL

AISLink CA1

Class A Automatic Identification System



User Friendly
Graphical Interface



Approved worldwide

The AISLink Class A is ACR's premium AIS transceiver. With a feature-rich design, the Class A AIS demonstrates the highest AIS transmission power and the most frequent transmission of AIS information. The transceiver is approved worldwide for both deep sea and inland waterways and features an easy-to-use multilingual graphical user interface.



ACR AISLink CA1

Class A Automatic Identification System

The ACR AISLink Class A AIS Transceiver is approved worldwide and offers an extensive feature set which positions it as a leader amongst other AIS Class A options. With a large, highly visible, monochrome LCD display, the AISLink Class A features a graphical user interface allowing for greater ease of use.

The AISLink Class A combines its demonstrated history of the highest level of reliability and operational performance with a rugged and durable design comprised of marine grade components. The transceiver also offers versatility as it is not only certified for both deep sea and inland waterway operation, but also boasts an interface with multilingual capability.

Features:

- Approved worldwide (FCC, USCG, EU MED, Industry Canada)
- Easy integration with ECS/ ECDIS/ plotters
- Low power consumption
- User friendly graphical user interface
- Ability to send and receive AIS text messages
- Password protection of specific transceiver information
- Alarm notification showing active AIS system alarms
- Detailed status bar indicating transceiver status
- Multi-lingual dual text + graphical user interface

SPECIFICATIONS

Product Number	2665
Size	5.4" x 8.2" x 4.1" (138mm x 210mm x 105mm)
Weight	49.38 oz (1.4 kg)
Power Supply	12 to 24VDC
Power Consumption	10 W
Data Interfaces	IEC 61108-1 compliant IEC61162-2 bi-directional interfaces x 3 IEC61162-1/2 sensor inputs x 3 DGPS correction data input (ITU-R M.823-2) RS232
User Interfaces	240 x 128 LED back-lit LCD display Rotary encoder for selection and entry Two softkeys and two menu keys
IEC 60945	'Protected' category
Operating Temperature	5°F to 131°F (-15°C to 55°C)
Connectors	
VHF antenna connector	SO-239 (UHF)
GPS antenna connector	TNC
RS232	9 way D type
IEC61162 interfaces and alarm output	50 Way D-type connector
Pilot Plug	IMO pilot plug connector
Power	Four pin circular
GPS Receiver	
Compliance	IEC61108-1

VHF Transceiver

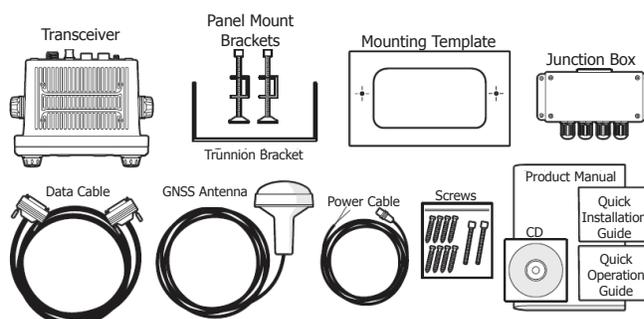
Transmitter	x 1
Receiver	x 3
Frequency	156.025 to 162.025MHz in 25KHz steps
Output Power	12.5W (1W setting available)
Channel Bandwidth	25KHz
Channel Step	25KHz
Modulation Modes	25KHz GMSK (AIS, TX and RX) 25KHz AFSK (DSC, RX only)
Bit Rate	9600 b/s (GMSK) and 1200 b/s (FSK)
Receiver Sensitivity	<-107dBm @ 20% PER
Adjacent Channel Sensitivity	70dB
Spurious Response Rejection	70dB

Standards Compliance

Approvals	FCC, USCG, EU MED, Industry Canada
AIS Standards	IEC61993-2 standard, Class A shipborne equipment, ITU-R M.1371-5, IEC 62288-2, MSC .74(69)
Environmental Standard	IEC60945 Edition 4 'Protected' category IEC standard
Serial Data Interface Standards	IEC61162-1 IEC61162-2 Edition 2
GPS Performance Standard	IEC61108-1 IEC standard, GPS receiver equipment
Product Safety	EN60950-1 :2006, +A11:2009 +A1:2010 +A12:2011

Kit Includes:

- 1x AIS transceiver
- 1x Data cable
- 1x Junction box
- 1x Power cable
- 1x Trunnion bracket
- 2x Panel mount brackets
- 8x Fixing screws
- 1x User and installation manual
- 1x Quick start guide
- 1x GNSS antenna
- 1x Support tools CD
- 1x Mounting template



GPS Enabled



Default Frequency:
AIS 1- 161.975 MHz
AIS 2- 162.025 MHz



Low Power Consumption



Multi-lingual Menu System



Water Resistant

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