

# Shipboard AIS

Class B

Class A

Class B



<b>Shipboard AIS Comparison</b>	<b>Class A (SOLAS compliant)</b>	<b>Class B/CS</b>
<b>Transmit Power</b>	12.5w (nominal) / 2w (low-power)	2w
<b>Unique Communication Access Scheme</b>	<b>SO-TDMA</b> Self-organizing amongst Class A's	<b>CS-TDMA</b> Carrier-Sense(s) polite to Class A's
<b>Frequency Range &amp; Bandwidth</b>	156.025 - 162.025 MHz @ 12/25 kHz DSC (156.525 MHz) required	161.500 - 162.025 MHz @ 25 kHz DSC (156.525 MHz) & 12.5 kHz optional
<b>Position Source &amp; External Inputs</b>	External GPS, heading, rate of turn indicator required & AIS Internal GPS	AIS Internal GPS Heading optional
<b>Display &amp; Digital Interfaces</b>	Minimum keyboard display (MKD) Multiple input-output ports & single-outputs	All optional
<b>Position &amp; Static Messages (msg) &amp; Reporting Rates (s = seconds)</b>	Position data via either AIS msg 1, 2 or 3 > 0kts @ 10/3.3s* > 14kts @ 6/2s* > 23kts @ 2s * if also changing course $\pm 5^\circ$ , moored @ 180s Static & voyage data via AIS Msg5 @ 360s	Position data via AIS msg 18 < 2kts @ 180s > 2kts @ 30s Static data via AIS Msg24 @ 360s No rate of turn, navigation status, static draft, destination, ETA, or IMO# required/provided
<b>Safety Text Messaging</b>	Receive & transmit	Transmit optional & only pre-configured
<b># of USCG Type-Approval Models</b>	22 models - 16 manufacturers	8 models - 8 manufacturers
<b>Approximate Cost</b>	\$2,800 - 4,000	\$700 - 1,500

# Feet Traveled Per Knots @ Each AIS Reporting Rate

		1	2	3	4.5	10	13	14	22	23	24	30	65	Kts
REPORT RATE IN SECONDS	2										81	101	220	Class A
	6							142	223	233				
	10			51	76	169	220							
	180	304	608											
	30		101	152	228	507	659	709	1115	1165	1216	1520	3294	Class B/Cs
180	304													

# Current AIS Prices



## Furuno FA150 AIS Transponder

Product ID: FU1150-15 MFG ID: FA150

Furuno FA150 is a shipborne Universal AIS (Automatic Identification System) Transponder capable of exchanging navigation and ship data between own ship and other ships or coastal stations.

Availability: Usually ships within 24 hours

[WISHLIST](#) [EMAIL](#)

List Price ~~\$4,495.00~~ Our Price **\$3,999.95**

Qty:  [+](#) [ADD TO CART](#)

# \$699 – 3,999



## FURUNO FA30 BLACK BOX AIS

List Price: ~~\$1,102.50~~

**Our Price: \$805.00**

You Save: **\$297.50 (27%)**

SKU: FURFA30

**In Stock**

Usually ships in 1-2 business days

## Milltech Marine Online Store



## ACR Nauticast2 Class A AIS Transponder

The ACR Nauticast2 AIS Transponder is a class A unit that is specifically designed to fulfill non-SOLAS carriage requirements. This product is packaged in an All-in-One kit that includes the AIS transponder, VHF & GPS antennas, data cables, and pivot mount kit. An ECDIS port adapter is included which can directly interface with your ECDIS display or marine navigation package. The system can be ordered for use with 12 or 24 volt DC power.

ACR-2609 **\$2,999.00** [Add to Cart](#)



With AIB (Display not included)



Without AIB

WEST MARINE **NEW!**

## AIS-1000 Class B "Send and Receive" AIS Transponder

**\$699.99 USD**

[Add To Cart >>](#)

[+ Add AIS-1000 Class B "Send and Receive" AIS Transponder To Project List](#)

AIS-1000 Class B "Send and Receive" AIS Transponder



## Simrad AI50 Automatic Identification System

Product ID: SM1139-00 MFG ID: 000-0135-00

Simrad AI50 AIS Automatic Identification System, See and be seen. Be in control - avoid collisions at sea. Simrad AI50 AIS transmit function works by broadcasting a digital signal that contains information about your boat's identity, speed and direction to other AIS equipped vessels in your area. Has now received FCC approval for the US.

Availability: Usually ships within 24 hours

List Price ~~\$1,627.00~~ Our Price **\$1,248.95**

Qty:  [+](#) [ADD TO CART](#)



Homeland  
Security

