

## NEW EM-TRAK AIS Transceivers



### WHAT IS AIS?

- Automatic Identification System (AIS) was created as a means of identifying vessels and providing navigational awareness, particularly where traditional radar is ineffective
- All vessels over 300GT are required to carry AIS by an international IMO mandate

#### What voyage data is transmitted over AIS?

(only transmitted by Class A transceivers)

- Navigational status
- ETA
- Destination
- Cargo type

#### What static data is transmitted over AIS?

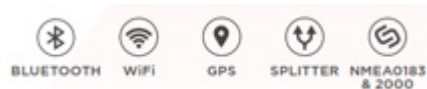
- MMSI (Maritime Mobile Service Identity) number
- Ship name
- Call sign (optional)
- Length and beam (transmitted over four dimensions in relation to GPS antenna position)
- Type of ship
- Draught (Class A only)
- IMO number (Class A only)



**CLASS A SERIES  
A200 Series**



**CLASS B SERIES  
B900 Series**



#### KEY FEATURES

- IMO-SOLAS & EU Inland Waterway Certified
- Waterproof & ruggedized IPX7
- Full color display with night mode & C-MAP ENC
- Extensive AIS functionality
- Plug & Play Connectivity (WiFi)
- NMEA 0183 & 2000
- Pilot plug cable and junction box accessories

#### SUITABLE FOR:



#### WARRANTY & SUPPORT:

International 3 year warranty plus 24/7 tech support

#### KEY FEATURES

- A range of 2W CSTDMA & 5W SOTDMA Class B Transceivers
- Waterproof & ruggedized IPX7
- Small & Lightweight
- Ultra low power consumption
- NMEA 0183 & 2000
- Internal GPS Antenna
- Optional splitter variants
- Optional WiFi & Bluetooth for streaming AIS data to smartphones & tablets

#### SUITABLE FOR:



## CHOOSING YOUR AIS TRANSCEIVER:

- **Class A AIS Transceivers** are mandated for vessels over 300 tons, fishing vessels over 15m, passenger carrying vessels and for SOLAS Convention.
- **Class B AIS Transceivers** are for recreational craft installation and have a transmission power of 2W or 5W.



Scan to use the AIS Selector Quiz

PART #	DESCRIPTION	SRP \$	MAP \$
A200	CLASS A AIS Transceiver (special request)	\$ 2,817.00	\$ 2,785.00
B921	CLASS B AIS Transceiver - 2W	\$ 827.00	\$ 818.00
B923	CLASS B AIS Transceiver - 2W + VHF splitter	\$ 1,075.00	\$ 1,064.00
B951	CLASS B AIS Transceiver - 5W	\$ 994.00	\$ 982.00
B952	CLASS B AIS Transceiver - 5W + WIFI & BT	\$ 1,385.00	\$ 1,371.00
B954	CLASS B AIS Transceiver - 5W + WIFI, BT & VHF splitter	\$ 1,718.00	\$ 1,699.00
S300	VHF Antenna Splitter	\$ 442.00	
304-0055	GPS Antenna	\$ 110.00	

Also available at Transat Marine



	CLASS A	CLASS B				
		High Power		Standard Power		
	 A200					
		B951	B952	B954	B921	B923
2W CSTDMA					✓	✓
5W SOTDMA		✓	✓	✓		
12.5W SOTDMA	✓					
WIFI	✓		✓	✓		
BLUETOOTH			✓	✓		
INTEGRATED VHF ANTENNA SPLITTER				✓		✓
INTEGRATED FULL COLOR DISPLAY	✓					
NMEA 0183 & 2000	✓	✓	✓	✓	✓	✓
INTEGRATED GPS RECEIVER & ANTENNA	Separate GPS antenna provided	✓	✓	✓	✓	✓
PROTECTION AGAINST WATER, DAMP, VIBRATION, EXTREME TEMPERATURE	✓	✓	✓	✓	✓	✓
IPX7 WATERPROOF	✓	✓	✓	✓	✓	✓
ULTRA LOW POWER CONSUMPTION	✓	✓	✓	✓	✓	✓



Suppliers to the Marine Industry Specialty Marine Hardware