

Portable AIS Class B

Model TB560



All-in-One Device

TB560 is supplied with built-in VHF antenna, GPS antenna, and internal rechargeable battery. Handy! Ready to serve!

Removable AIS Class-B

TB560 can be installed and activated on vessel easily when vessel crew onboard. It can also be deactivated and removed from vessel in a second. A portable device for small vessel tracking and monitoring.



Jetski



Fishing Vessel



Leisure Boat

Power Supply Option

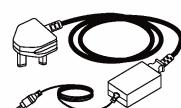
TB560 is typically powered by the internal rechargeable battery. The internal battery can be re-charged via external AC/DC charging unit. TB560 can also be powered by optional solar-panel when necessary. This device is suitable for small craft or jet-ski without an electrical power supply on board. TB560 can also be powered via vessel power supply with an optional DC/DC power adapter.

Anti-Tamper Capability

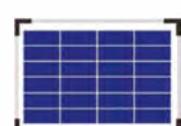
TB560 can be properly activated only if the unit is installed in the bracket which is paired to it. Removing TB560 from the bracket will turn off the unit automatically.

Up to 5 Days Operation

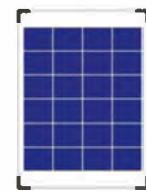
The internal battery can support the device to operate for 2~5 days, depending on its AIS signal transmitting interval setting (which is configurable during installation) and its battery lifecycle.



Power adaptor and cable



10W solar panel



20W solar panel



TB560 w/ solar installation

High Performance for Your Safety

Built on the market-proven AMEC class B architecture, the TB560 is designed to deliver high performance both for crew member and authority with safety features included.



TB560 delivers long transmission range with full AIS messages to ensure information integrity.



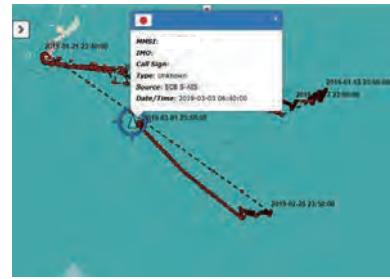
TB560 can send out SOS distress signal by pressing the SOS button in emergency

Satellite-AIS Tracking as Option

Take advantage of our optional satellite-AIS tracking capabilities powered by exactTrax technology, which extends the vessel tracking and monitoring to a global coverage. Refer to Satellite-AIS section for more details.



With satellite AIS, authorities will have a complete picture for monitoring vessel traffic



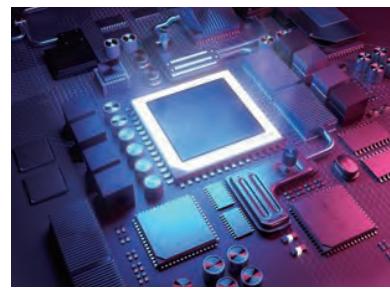
The new AIS satellite constellation enables global average revisit under one minute for real time reporting and tracking

More Features to Exceed Your Expectations

TB560 provides a series of optional security features, tailored for requirements of authorities and extend the versatility and functionality of TB560.



Satellite AIS SOS alert



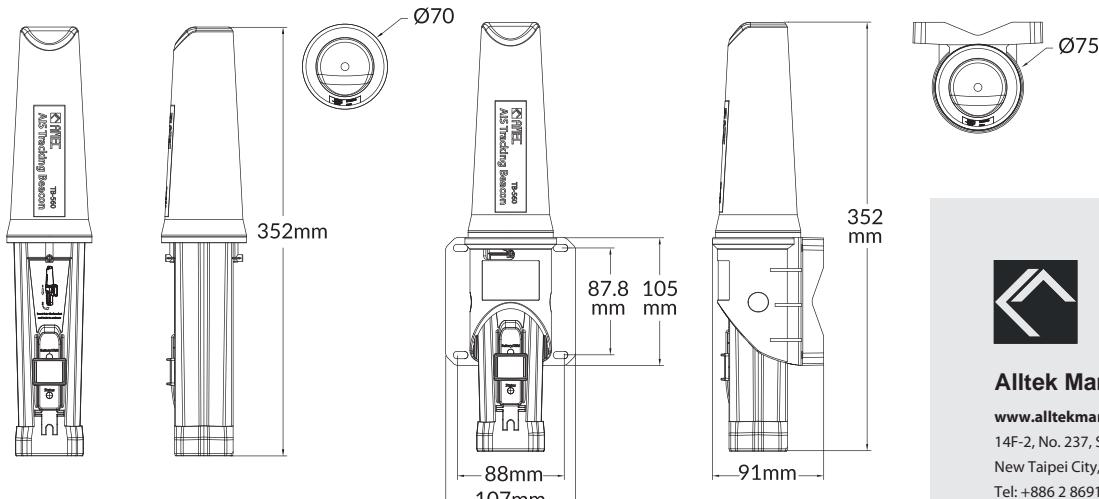
Optional storage for datalogging the voyage route



Technical Specifications

Portable AIS Class B		
	TB560	TB560C
STANDARDS		
IEC 62287-1 Ed.2.1: 2013 IEC 60945 Ed.4: 2002 IEC 61108-1 Ed.2: 2003 ITU-R M.1371-5: 2014		
AIS TRANSMITTER		
Transmitter	1	
Receiver	1 (for carrier sense only)	
Tx/Rx Frequency	161.975 MHz and/or 162.025 MHz	
Tx Output Power	2W or 5W configurable	2W
GNSS RECEIVER (built-in)		
Receiving Channels	50 channels	
Position Accuracy	< 2.5 m Autonomous & SBAS	
CONNECTION INTERFACE		
SOS Distress Button	Yes	
ENVIRONMENTAL		
Operating Temperature	-15 C to +55 C	
Waterproof Rating	IP67	
BATTERY (built-in)		
Battery Type	2600 mAh Lithium-ion battery	
Operating Time	Up to 5 days (depending on report rate)	Up to 5 days (depending on report rate)
Charging Time	3 hours	
POWER ADAPTOR (optional)*		
Input Voltage	Universal 90~240V AC	
Output Voltage	12V DC, 2A	5V DC, 1A

DIMENSION DRAWINGS



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