

Product features	Cortex V1 VHF with AIS	Cortex M1 AIS
Description	VHF Radio + SOTDMA smartAIS transponder + Remote Vessel Monitoring	SOTDMA smartAIS transponder + Remote Vessel Monitoring
Main Components	Cortex M1 + Cortex H1 + External GPS Antenna	Cortex M1 + External GPS Antenna
VHF Voice Calling	✓	Upgrade by adding H1P Handset
Class D DSC	✓	Upgrade by adding H1P Handset
Cortex H1 Handset included	✓	VHF Ready. Just add H1P for full VHF functionality
Multiple VHF Stations	Upto 10 wired H1 or wireless H1P handsets	Upgrade by adding H1P Handset
AIS and VHF Display	High resolution 4" color touch screen or using a smartphone or tablet	AIS display using a smartphone or tablet.
Collision Avoidance - Determines crossing situations by CPA and TCPA and triggers alarms with prioritization	✓	✓
Anchor Watch - Triggers an alarm if your anchor is dragging as well as with changes in anchor due to wind direction, wind speed and water depth	✓	✓
Safety of Crew - Triggers an alarm if a crew member falls overboard (works with any manufacturer MOB) and provides position information with updates for quick retrieval	✓	✓
Alarm Management - Dedicated built-in alarms, do not need any other equipment to trigger alarms	✓	✓
Built-in WiFi – Access anywhere on board. Monitor and control your AIS transponder at all times from your smartphone or tablet	✓	✓
Intelligent filtering - Filters can be set based on vessel range, speed, CPA and TCPA	✓	✓
Galvanic isolated ports - Protect your transponder and connected equipment from high current.	✓	✓
Fully waterproof IPx7 rating - Can be mounted anywhere	✓	✓
Remote Vessel Monitoring	✓	✓
Bracket or flush mounting included	✓	✓