

NMEA Translation Summary

WatchMate Vision, XB-8000, XB-6000

The following table summarizes the NMEA 0183 – NMEA 2000 translation capability. This summary does not include all the AIS NMEA 2000 PGNs that are also transmit from the transponder.

PGN	Description	Receive	NMEA0183 translation output	Transmit	NMEA0183 translation input
127250	Vessel Heading	✓	HDG	✓	HDG, HDT, HDM
128259	Vessel Speed	✓	VHW		
128267	Water Depth	✓	DPT		
128275	Distance Log	✓	VLW		
129025	Position, Rapid Update			✓	
129026	COG & SOG, Rapid Update			✓	
129029	GNSS Position Data			✓	
129283	Cross Track Error	✓	XTE	✓	APB, RMB, XTE
129284	Navigation Data	✓	APB, BOD, RMB	✓	APB, BOD, BWW, RMB
129285	Route/Waypoint Information	✓	RMB, WPL	✓	RMB
129540	GNSS Sats in View			✓	
130306	Wind Data	✓	MWD, MWV		
130310	Environmental Parameters	✓	MTW		
130311	Environmental Parameters	✓	MTW		
130312	Temperature	✓	MTW		
130316	Temperature Extended Range	✓	MTW		