

ALWAYS  
ON  
ALWAYS  
VISIBLE  
ALWAYS  
WATCHING



## Vesper Marine Transponder Comparison

	WatchMate 850 TRANSPONDER	WatchMate VISION	XB-8000 TRANSPONDER	XB-6000 TRANSPONDER
Customize and filter targets when operating in busy areas	✓	✓	N/A	N/A
Computes & prioritizes targets by CPA, TCPA, bearing, range etc	✓	✓	Using our free iOS and Android apps	Using chart plotters, MFD's and computer software
Easy to use customizable alarm controls helps eliminate false alarms	✓	✓	N/A	N/A
Shows your own GPS position, course, speed and heading	✓	✓	Provides GPS info to all connected devices	Provides GPS info to all connected devices
Graphically depicts future crossing situations	✓	✓	Using our free iOS and Android apps	N/A
Heading-up/North-up display	✓	✓	Using our free iOS and Android apps	Using chart plotters, MFD's and computer software
Alarm & filter setting with multi profile (Anchor, Harbor, Coastal, Offshore)	✓	✓	N/A	N/A
Displays magnetic bearings and Aids to navigation marks	✓	✓	Using our free iOS and Android apps	Using chart plotters, MFD's and computer software
Identify friends or vessels in your fleet with a special icon	✓	✓	N/A	N/A
Built-in alarm plus external alarm/buzzer/indicator control	✓	✓	External MOB alarm coming soon in free update for all owners	✗
Alarms for AIS portable Man Over Board devices	✓	✓	External MOB alarm coming soon in free update for all owners	Using chart plotters, MFD's and computer software
Includes mounting bracket or can be installed flush in a panel	✓	✓	N/A	N/A
Waterproof, can be externally mounted	✓	✓	✓	✓
Easy interfacing to optional chart plotters and computers	✓	✓	✓	✓
VHF radio DSC calling by selecting a target on the screen (requires compatible VHF radio)	✓	Coming soon in free update for all owners	✗	✗
Anchor Watch management and display	✓	Coming soon in free update for all owners	N/A	N/A
Full receive of all Class A and B AIS data and transmission of Class B AIS data	✓	✓	✓	✓

CONTINUED OVER LEAF

# Vesper Marine Transponder Comparison

	WatchMate 850 TRANSPONDER	WatchMate VISION	XB-8000 TRANSPONDER	XB-6000 TRANSPONDER
Internal high-performance parallel two channel AIS receiver and transmitter	✓	✓	✓	✓
Self diagnosis to provide warnings if AIS, GPS or antenna are not functioning	✓	✓	✓	✓
Unique VHF 'in use' indicator (when used with Vesper Marine VHF/AIS splitter)	✓	✓	N/A	N/A
Allows transponder to be put into Silent Mode (receive only)	✓	✓	✓	✓
High performance 50 channel GPS receiver	✓	✓	✓	✓
Internal GPS antenna eliminates need for external antenna when mounted with a view of the sky	✓	✓	✗ Includes external antenna	✓ Has internal and includes external antenna
Ability to connect to computers via waterproof USB	✓	✓	✓	✓
Can connect wirelessly to other devices using WiFi 802.11 b/g (5 users)	✗	✓	✓	✗
Fully certified NMEA 2000	✗	✓	✓	✓
NMEA 0183 to WiFi 802.11 b/g gateway	✗	✓	✓	✗
NMEA 2000 to WiFi 802.11 b/g gateway	✗	✓	✓	✗
NMEA 2000 to NMEA 0183 and USB gateway	✗	✓	✓	✓
Controls transponder and silent mode features remotely via iPhone/iPad and Android apps	✗	✓	✓	✗
Use with standard applications such as iNavX, SEAiq, iSailor, etc. on iPads and Android tablets	✗	✓	✓	✗
Display worldwide coastlines	✗	✓	N/A	N/A
Color touchscreen with WatchMate Wheel™ navigation	✗	✓	N/A	N/A
Viewable screen in daylight & wearing polarized sunglasses	✓	✓	N/A	N/A
Galvanic isolated USB protects computer and AIS from damage	✓	✓	✓	✓
High speed 5Hz GPS navigation rate	✗	✓	✓	✓
Can be used as primary GPS on a NMEA 2000 network	✗	✓	✓	✓
Super low power consumption	Excellent, 3W	Good, 6W	V Good, 4W	Excellent, 2.5W