

# WatchMate Vision®



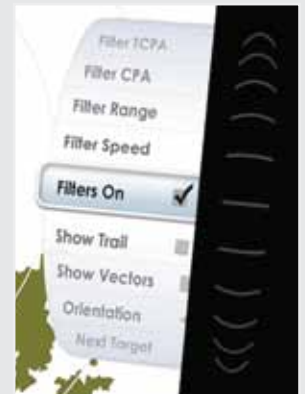
## Safety Information from Anywhere on Your Boat

### i CONTEXT & CLARITY



Vision is the first full-color touchscreen AIS transponder with a myriad of new innovations delivering a never-before-seen user experience. This includes worldwide built-in coast outlines and the unique magnifier that appears when needed allowing users to select targets without losing position context and scale.

The unique context sensitive WatchMate Wheel™ offers a fast, easy, unobscured way to control the device. It's adaptive and knows what menu is relevant for your situation ensuring you have access to the most appropriate AIS safety information when you need it.



The user-friendly wheel and touchscreen display can be accurately controlled with ease, even when hands are wet or while wearing gloves.

## Touchscreen AIS Transponder with WiFi

WatchMate Vision is a clever, dedicated safety instrument for any leisure or work boat skipper wanting to make accurate safety decisions using integrated AIS, GPS and NMEA 2000® information.

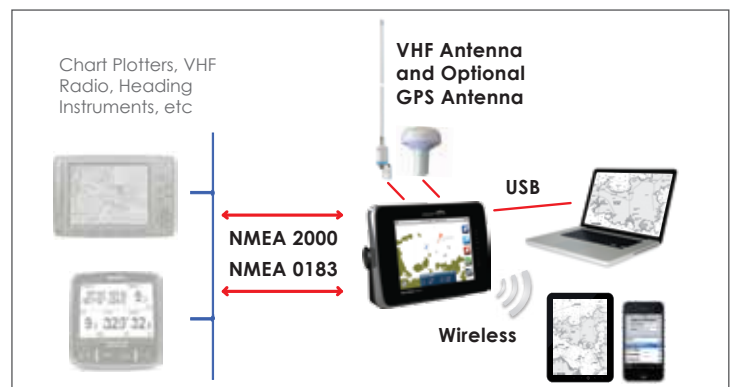
Vision brings a new dimension to AIS information by the intuitive way it eliminates unwanted alarms and removes clutter from the display. It shows and prioritizes only the targets that have a current collision risk while allowing the user to customize the powerful features to their current situation (Offshore, Coastal, Harbor or Anchored).

This innovative easy to use AIS Transponder combines:

- NMEA 2000 / 0183, WiFi and waterproof USB connectivity
- WiFi configuration options; Access Point for up to five devices or connected to an existing router
- Worldwide coastal outlines on color touchscreen
- Screen readable with polarized lenses
- Free WatchMate app for iPhone® / iPad® providing interactive remote controls
- Prioritized target list and split screen views
- Transponder Silent Mode option for privacy
- Internal high-performance parallel two channel Class B AIS transponder
- 50 channel GPS receiver with internal antenna
- New multi-processor architecture for fast performance

Vision offers the easiest way to integrate AIS with mobile devices. Vision's safety data can be used wirelessly with mobile devices running third party applications such as iNavX.

### i CONNECT - AS EASY AS AIS GETS



# WatchMate Vision®



Available on the **App Store**

More than a simple mobile AIS viewer, Vision offers groundbreaking control with a free WatchMate app for iPhone/iPad, allowing boaters to remotely control alerts, alarms and transponder settings.



Vision has been designed to ensure critical safety information is at your finger tips. Each of its five mode buttons gives quick access to the innovative user features while also allowing a secondary screen to be opened in split screen mode.



## YOUR LOCAL SUPPLIER

“Builds on the years of experience Vesper Marine has with its unique and award winning AIS displays”

## Removes AIS Clutter and Eliminates Unwanted Alarms



### TECHNICAL DATA

**LCD Touch panel:** 144mm (5 11/16"), VGA Color TFT, Resistive Touch

**Size:** 172mm wide x 130mm high x 60mm depth (6 7/8" x 5 1/8" x 2 3/8")

**Environmental:** Watertight (USCG CFR-46, IPx7)

**Operating temperature:** -25°C to +55°C (-13°F to 131°F)

**Number of receivers:** 2 AIS, 1 DSC (timeshared)

**Receive Sensitivity:** -113dBm

**Number of transmitters:** 1 AIS

**Power supply:** 12-24 VDC, 6W nominal (4W low power mode)

**TX Power output:** 33 dBm (2W)

**External alarm:** 150 mA (max) at supply voltage

**GPS:** 50 channel, internal antenna, (optional external antenna)

**VHF antenna required:** PL-259 connector. 50 ohm, max 2:1 VSWR @ 162MHz

**Serial data:** 1 fully isolated USB port (mini), 1 isolated NMEA 0183 input (RS422), 1 NMEA 0183 output (RS422)

**Connectivity:** NMEA 2000, NMEA 0183, Wireless 802.11 b/g

**Wireless:** Access Point for up to 5 devices or client of existing router

**Wireless Security:** WPA / WPA2 PSK

Supplied With:

- Protective cover
- Mounting bracket
- Flush mounting hardware
- 2m Power / Data cable
- Optional: *External GPS antenna, SP160 VHF/AIS Antenna Splitter, Waterproof USB cable*



As we are committed to continuously improving our products our technical data may be subject to change.



PATENT PENDING