

Base Software Features

Supported PC Operating Systems: Windows 7, Windows 8 and Windows 10 (only for TIMEZERO v3)	✓
Connection to Instruments: NMEA0183, NMEA2000 or Furuno NavNet Network (for Navigation Data Only)	✓
Autopilot Output Connection (NMEA0183 only)	✓
Exclusive TIMEZERO Chart Engine (2D and 3D View with Seamless Chart Redraw without limited range presets)	✓
Friendly Touch Screen compatible User Interface	✓
Day, Dusk and Night Mode	✓
Worldwide Planning Charts (base map)	✓
Worldwide 3D Database (Base Map)	✓
mm3d Raster or Vector chart compatibility (from various manufacturers such as Jeppesen, Navionics or MapMedia)	✓
Exclusive TIMEZERO PhotoFusion (intelligent mix of satellite photos and nautical charts)	✓
Worldwide Tide Database	✓
Tidal Currents for North America	✓
Optional Western European High Resolution Tidal Current (refer to chart catalog for availability)	Option
Optional Accurate High Resolution Satellite Photos for Bahamas and Europe (refer to chart catalog for availability)	Option
Multi-level Undo & Redo	✓
Track Recording (with track recall feature)	✓
Advanced Route Planning Wizard (Route Departure Time Optimization according to Tidal Current)	✓
Anti-Grounding Cone (alarm in real time are triggered)	✓
Planning Route Safety Check	✓
Lost Sensor Alarm	✓
Print Route Feature	✓
New Odometer NavData (Duration, Distance, Max Speed, Average Speed)	✓
Unlimited Marks, Waypoints & Routes	✓
Boundaries, Circles, Lines and Annotations	✓
Marks and Routes transfer to GPS (*)	✓
Navigation logbook	✓
Worldwide Place Name Search	✓
Points Of Interests (POIs): Online Google PANORAMIO (Photos can be saved locally for offline viewing)	✓
POIs: Import your own Photos ("My Pictures") with Automatic Geolocation	✓
POIs: ActiveCaptain (Interactive Cruising Guidebook)	✓
GRIB Weather File compatibility	✓
Weather Data Service (Rain, Cloud, Air Temperature, Wind, Waves, Oceanic Currents, Pressure)	✓

Weather Forecast, Tides and Currents Animation	✓
Alarms (Anchor Alarm, CPA/TCPA Alarm, Depth Alarm, and more...)	✓
AIS and MARPA Target Display (with targets list)	✓
AIS and MARPA Graphic CPA	✓
Target Track Recording	✓
AIS Marine Traffic compatibility (Global AIS feed through an Internet connection)	✓
Digital Selective Calling (DSC) and Man Over Board (MOB)	✓

Modules available as options:	TZ Navigator v3
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TZ Radar Module (with Furuno Radar) includes:

Option

- NavNet 3D/TZtouch DRS and FAR2XX7 network connection (view and control the radar) (**)
- NavNet3D Chart Server (streaming charts to any NavNet 3D MFDs)
- Shared Charts Licensing with NavNet 3D and NavNet TZtouch
- Route Synchronization with NavNet 3D and NavNet TZtouch
- Full Screen Radar Work Space and Chart Radar Overlay
- New local ARPA Algorithm with Automatic ARPA acquisition (guard zone)

TZ Sounder Module (with Furuno Sounder) includes:

Option

- DFF1, BBDS1, DFF1-UHD, DFF3 & FCV1150 (***) Network Connection (view and control the sounder)
- Full Screen Sounder Work Space with echogram history

Routing Module includes:

Option

- Routing according to wind, waves and currents
- Isochrones with SailSet overlay
- Alternate routing
- Routing Detail (List)
- Routing and Weather Animation
- Laylines (requires wind sensor)
- Polar workspace : to display and modify Wind and SailSet Polar files
- Polar % modification
- Adjusting GRIB Weather files
- Routing variability calculation and display

Notes:

(*) -Standard NMEA0183 \$xxWPL and \$xxRTE sentences are used for the transfer. Check your GPS specifications for compatibility

(**) - NavNet MFD (NavNet 3D, TZtouch or TZtouch 2) required on the network for all DRS except DRS4DCM

(***) - TimeZero does not support the "User" mode of the FCV1150