Digital Radar Overview

Digital radars are unique because they send radar output direct to a Personal Computer without the need for additional displays. Bringing the PC and radar together is normally no small task, however, with the SI-TEX RADARpc and Visual Navigation Suite, we have made it easy.

The radar image is received by the radar transceiver and converted into a digital picture which is sent to the computer via an RS-422 interface. The Insight Radar technology displays the information on the computer within Visual Navigation Suite. Heading and GPS information are sent to the computer using a standard NMEA 0183.
The Visual Navigation Suite

The world's most powerful and easy to use navigation software!

Easy to use toolbars:
Adjust Range, Gain, Sea and Rain Clutter and more. Fast toolbar access to create Guard Zones, Electronic Bearing Lines and Variable Range Markers.

Radar overlay:
Overlay your radar image on electronic charts or photos and adjust radar colors to make viewing in high bright situations easier and more comfortable. Radar images are also automatically enhanced with the VNS CrystalView technology.

Guard Zone and EBL
Fully definable guard zones and Electronic Bearing Lines keep you aware of your surroundings.

VRM and adjustable colors
Use the Variable Range Marker to measure distances to objects. User definable radar colors for strong, medium and weak returns.

Radar - like you’ve never seen it before!

Dedicated radar window:
See your radar image in a dedicated window that also shows important radar specific information such as Range and radar settings.

Radar Setup Wizard:
Setting up your radar to work with VNS is a snap. The Setup Wizard automatically detects multiple incoming signals on your computer ports. GPS, radar, heading information and more are all set up using this easy tool.

Record and playback
Record and playback your voyages at any time for future route planning.

System Requirements
- Windows 98/2000/NT
- Pentium II 300 with 64 MB RAM
- 32 bit color VGA-compatible
- 25 MB hard disk space
- CD-ROM drive
- Available serial port(s) for GPS and heading sensor
- Pointing device (mouse)
- GPS and heading sensor

Chart Formats
- Passport World Charts
- All popular aerial photos
- NDI Canadian Charts
- All other major chart formats

GPS Support
- All GPS units and other devices that support NMEA 0183
- Garmin Models
- Magellan
- Micrologic
- Northstar
- Trimble

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Vessel traffic:
Now with Insight Radar you can see other vessel positions and with the Trails option you can determine their course and speed long before they are visible.

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The World Leader in Marine Navigation Software!
www.nobeltec.com - 800-946-2877