



TREQ-VM

Introduce paperless catch reporting with the touch screen TREQ-VM eLogbook. The TREQ-VM supports fish stock traceability with preloaded, GPS-enabled catch report e-forms, transmitted in real time via the VMS.

Overview

The TREQ-VM is a secure, fully featured e-Logbook terminal that connects directly to the onboard VMS for real time GPS position data and automatic transmission of reports.

The TREQ-VM is provided preloaded with customisable e-Forms to record trips, catch, well transfers, at-sea transshipments and entry/exit from zones for complete compliance with regulations. To minimise time-consuming manual entry, the terminal connects directly to the onboard VMS to obtain real time GPS location, date and time and automatically transmit the report to the relevant fisheries authority.

The powerful handheld terminal is ideally suited for at-sea applications, featuring a rugged, compact design and an operating temperature range of -20 to 60 °C. Whether used handheld or mounted, the TREQ-VM is intuitive and easy-to-use with a touch screen you can operate with either fingers or stylus.

Key benefits

- Replace manual paper based catch reporting with Electronic Catch Reports (eLogbook)
- Fishing activity is reported in real time
- Custom e-Forms tailored to your needs
- Compact and rugged device with an intuitive touch screen interface
- Manage catch data and zones
- Email functionality



TREQ-VM TECHNICAL SPECIFICATION

DISPLAY	
Type	800 x 480 WVGA, TFT color LCD
Size	7" (178 mm) diagonal
Lighting	LED
Brightness	User customisable
Touch screen	Analogue resistive

INTERFACE	
Ethernet	10/100Base-T wired Ethernet, 802.11b/g/n with internal antenna
Serial	One EIA-232/422/485 configurable; one EIA-232
USB	Four 2.0 high-speed host ports (type A connectors, two locking); Fifth 2.0 high-speed host port in DB26HD connector
Ignition Sense	One

ELECTRONIC	
Processor	Marvell® XScale™ PXA166, 800 MHz (ARM)
Memory	RAM: 256 MB DDR3 Flash: 4 GB NAND Expansion: Micro SD
Real time clock	Battery-backed, 1 second resolution
Audio	Speaker: Built in - two front-facing Microphone: Built in - front-facing
Power	Input: 8 to 32 VDC (exceeds J1455) Consumption: 10-12 Watts typical (16-17 Watts while battery charging) Other: SAE J1455 compliant

ENVIROMENTAL	
Operating temperature range	-20 to 60 °C
Storage temperature range	-40 to 75 °C
Humidity	0 to 95%, non-condensing
Vibration	4 g 10-1500 Hz
Shock	40 g, 11 ms, any axis

MECHANICAL	
Type	Fixed-mount or removable with cradle (uses RAM Mount or comparable)
Size	215 (W) x 156 (H) x 65 (D) mm (maximum with rubber boot)
Mass	1 kg
Housing material	Blended polycarbonate and polyester resin
Cables	Sold separately

SOFTWARE	
Operating system	Windows® Embedded CE 6.0 R3 Core or Professional (optional)
Installed Software	Pole Star Electronic Forms package, Inbox email client

CERTIFICATIONS / COMPLIANCE	
Certifications	CE EN60950-1, EN55022, EN55024, EMC FCC Part 15, Class A RoHS