

Fire detection and evacuation solutions that save lives.

Voyage Data Recorder Interface Board

Features

- Designed to IEC 61162-1 Ed.3 Maritime navigation and radiocommunication equipment and systems-Digital Interfaces
- Converts standard FireFinder Plus Fire Control Panel messages to NMEA 0183 Standards compliant strings

VDR Output Messages

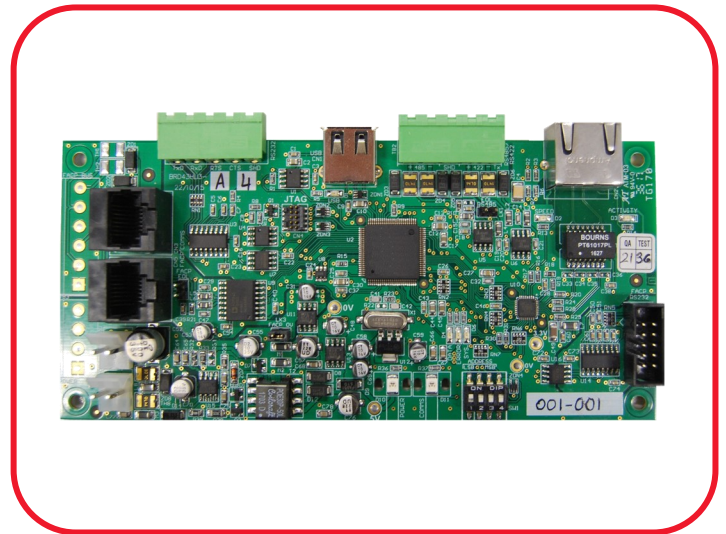
- System Normal Zonal Fire Status
- Zonal Faults: open circuit, short circuit, detector removed
- Sounder Circuit Faults: open circuit, short circuit
- Disablements: zones, sounders, auxiliaries, delays
- Test Mode Operation
- Class Change & Alert Status Input Activations
- Power Supply Faults: charger, battery, voltage & earth faults
- Muster Alarm Activities
- Control Button Activations: resound, silence, reset
- Node/Network/Add on module Fault
- System Fault Conditions (processor restarts)
- Status Restoral Messages for Fires & Faults
- System Status - repeated every 5 minutes

Message Format

Example:- Fire, zone 01 on panel 0 (master)
 \$FRIR,S,FD,P0,01,A,V,Fire Zone 01*41<CR><LF>

Description

The Ampac Voyage data recorder interface allows the FireFinder Marine fire control and indicating equipment to be connected to ships Voyage Data Recorders (VDR), so that information from the fire detection system is recorded.



Specifications

Operating Voltage	27.5VDC +/- 0.1VDC
Quiescent Current	37.5 mA
Data Output	RS485 and RS232 ASCII Characters
BAUD Rate	4800 and 38400
Data Bits	8 (D7=0)
Parity	0
Stop Bits	1
Temperature	-5°C to + 70°C
Humidity	0 to 95% (non-condensing)
Dimensions (mm)	500H x 405W x 150D

Item Numbers

4310-0095	High Level Interface Board
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