

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)

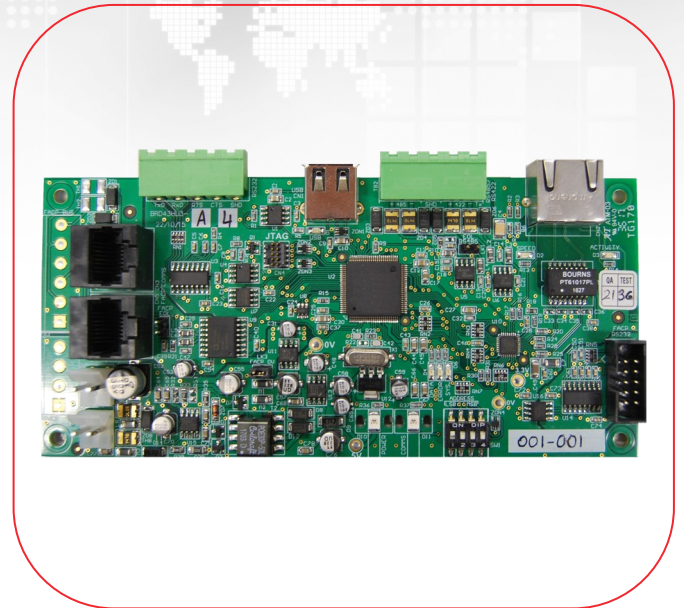
Status Restoral Messages for Fires & Faults

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

Description

4310-0095

High Level Interface Board