HAES

ESENTO
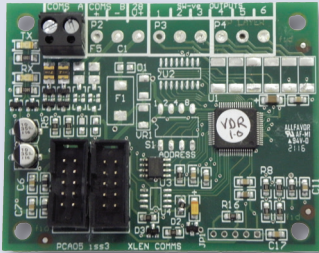## MARINE

VOYAGE DATA RECORDER OUTPUT CARD

The Esento Marine VDR (Voyage Data Recorder) output card is a plug in communications card for the Haes Esento Marine range of fire alarm control panels

The card provides activity data from the fire control panels which is in accordance with IEC 61162-1 Ed.3 Maritime navigation and radiocommunication equipment and systems-Digital Interfaces, NMEA 0183 Standards for interfacing marine electronic devices

Signal 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
- Repeater 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>

Features at a glance

- **Plug in VDR communications card**

- **PCB dimensions (mm): 60H x 75W**

- **Current consumption <6mA**

- **Data Output: RS485, ASCII characters, BAUD rate: 4800, data bits 8 (D7=0), parity 0, stop bits 1**

- **Designed to IEC 61162-1 Ed.3 Maritime navigation and radiocommunication equipment and systems-Digital Interfaces, NMEA 0183 Standards for interfacing marine electronic devices**

Compatibility

For use with Haes Esento Marine fire alarm control panels with software version 5.0 and above.

Data is in accordance with IEC 61162-1 Ed.3 Maritime navigation and radiocommunication equipment and systems-Digital Interfaces, NMEA 0183 Standards for interfacing marine electronic devices

Haes Systems Limited

Columbia House
Packet Boat Lane
Cowley Peachey
Uxbridge
UB8 2JP
United Kingdom

Tel: +44 (0) 1895 422066

Fax: +44 (0) 1895 420603

Direct Sales Line: +44 (0) 1895 424505

Email: enquiries@haes-systems.co.uk

Web: www.haes-systems.com

Company Registration No. 1146067 UK

LPCB

UKAS
MANAGEMENT
SYSTEMS
0007

Assessed to ISO 9001
LPCB Ref. No. 810