

VHX-1420-HFS

VESDA High Level Interface



Network Systems

General

The Honeywell Fire Systems Modbus Type 3 High Level interface (HLI) connects through the Notifier VESDA-HLI-GW gateway to form a seamless information and control progression to a Notifier Fire Alarm Control Panel (FACP).

The Modbus Type 3 HLI acts as a proxy for all VESDA devices on the VESDAnet network, providing access to the rich status information that is available from VESDA detectors as well as the ability to control and configure these devices.

Alarms are reported to the host within a few seconds of a detector reaching an alarm condition. Exact performance is dependent on the polling strategy and size of the monitored network. The Modbus Type 3 HLI is able to support up to 100 VESDA detectors on a single VESDAnet network.

The VESDA zone equates to the Modbus address field and allows the host to retrieve the overall status of the VESDAnet network as well as performing certain VESDA device configuration updates. The host is able to monitor and control VESDA devices on the VESDAnet network by reading and writing into registers in the Modbus map.

This wall-mountable version is housed in a metal enclosure allowing for permanent mounting on a flat surface. With a built-in VESDAnet interface you don't need a remote VESDAnet socket module making the wall-mounted HLI a cost effective solution to your interface requirements.



Features

- Direct access and monitoring of your entire VESDAnet system
- Seamless data transfer
- Easily configured using Xtralis configuring and monitoring software packages

Approvals

VESDA HLIs are recommended for monitoring only. They are not approved for use as a primary reporting device.

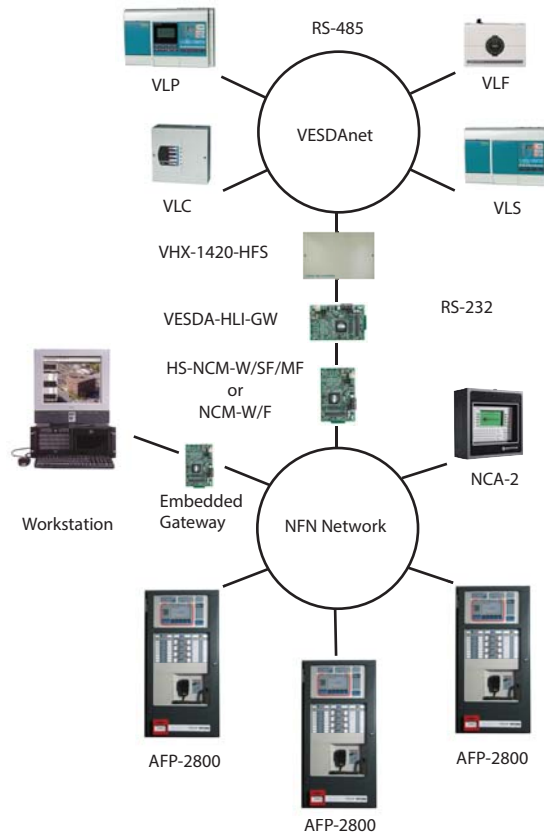
Protocol supports

- VESDA VLP, VLS, VLC, VLF, Detectors
- Alarm Status
- Fault Status
- Smoke Level
- Detailed Fault Information
- Alarm Thresholds
- Detector Control including Reset, Disable and Silence

Specifications:

Power Consumption:	1.68 W (Quiescent)
Supply Voltage:	24 VDC
Current Consumption:	70 mA (Quiescent)
Number of Detectors Supported:	Up to 100 detectors
Supplied With:	VESDALink RS-232 9-way serial cable (male-female).

Connection Schematic:



Ordering Information:

FG-55-050	VHX-1420-HFS	VESDA HLI and VESDAnet socket in wall mount metal box.
FG-29-017	VESDA-HLI-GW	VESDA gateway

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