

VESDA-HLI-GW

VESDA Gateway with VHX-1420-HFS



Network Systems

General

The VESDA Gateway provides a communication link between the NOTI•FIRE•NET™ network and the Xtralis™ VESDAnet network.

The VESDA-HLI-GW connects to the standard NOTI•FIRE•NET™ or high-speed NOTI•FIRE•NET™ and enables event notification and control of devices on the VESDAnet through a supervised VHX-1420-HFS Communications module.

The VHX-1420-HFS provides an interface with the VESDAnet. The VHX-1420-HFS translates protocols used on the VESDAnet to the Modbus protocol.

Event notifications for up to 100 VESDA detectors are displayed on the fire network annunciators with a device type of "Aspiration." Control can be initiated from these annunciators.

Features

- Communicates with the VHX-1420-HFS using Modbus protocol via RS-232 cables.
- Supervises the communications to the VHX-1420-HFS.
- Monitors up to 100 detectors.
- Displays VESDA devices as type "Aspiration" on the display nodes.
- Monitors VESDAnet detector events from NCA-2 or ONYXWorks, configured for Network Display Mode.
- Controls VESDAnet detector functions from NCA-2 or ONYXWorks, configured for Network Display Mode.
- Performs Read Status of VESDAnet detectors from NCA-2 or ONYXWorks configured for Network Display Mode.
- Enables zone mapping.



Compatibility

- High-speed NOTI•FIRE•NET™ network.
- Standard NOTI•FIRE•NET™ network, version 5.0 and higher.
- ONYXWorks Workstation (v.3.18 or higher).
- PC NFN Gateways (NFN-GW-PC-F, NFN-GW-PC-W, NFNGW-PC-HNMF, NFN-GW-PC-HNSF, NFN-GW-PC-HNW)
- Embedded NFN Gateway (NFN-GW-EM-3 v.18 or higher).
- NOTI•FIRE•NET™ Web Server NWS-3.

The VESDA Gateway is compatible with the following VESDA detectors:

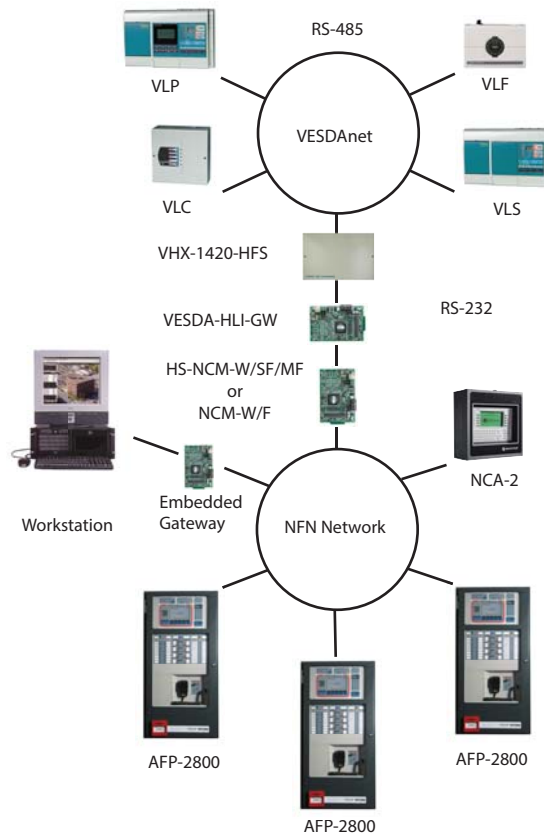
- VESDA LaserPLUS (VLP).
- VESDA LaserFOCUS (VLF).
- VESDA LaserSCANNER (VLS).
- VESDA LaserCOMPACT (VLC).

Specifications:

Input Voltage:	24VDC
Input Current:	460mA @ 24VDC with or without NCM
Temperature:	0°C to 49°C
Humidity:	93 ±2% non-condensing @ 32°C

NOTE: It is recommended that this product be installed in an environment with a normal room temperature of 15-27°C.

Connection Schematic:



Ordering Information:

FG-29-017
FG-55-050

VESDA-HLI-GW
VHX-1420-HFS

VESDA gateway
VESDA HLI and VESDA^{net} socket in wall
mount metal box.

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