

Siemens FDnet Interface Card



Features

- Reports alarms and faults to the fire panel
- Allows Fire Panel to execute reset, normalize, standby and day/night switch on the VLF
- Provides seamless FDnet fault-tolerant communication
- Quick and simple to install
- No configuration required
- Diagnostic LEDs give visual indication of the card's status
- Fully transferrable between LaserFOCUS detectors
- Removes need for GPIO (General Purpose Input Output) module

Specifications

Power Consumption

Consumes 1 W from the detector at 24 VDC & 42 mA.

Dimensions

Length x Width x Height
137 mm (5 $\frac{1}{4}$ ") x 71 mm (2 $\frac{13}{16}$ ") x 20 mm ($\frac{13}{16}$ ")
Weight 0.08 kg (0.176 lb)
Terminals 0.2 - 2.5 mm² (30-12 AWG)

Operating Conditions

Detector Ambient 0 to 40°C (32 to 104°F)
Humidity 5% to 95% (non-condensing)

Product Warranty

2 years

Compatibility

Individual LaserFOCUS detectors can be interrogated and configured by VESDA System Configurator (VSC), through their onboard serial interface. However, it is not possible to access other detectors on FDnet through this serial port.

Ordering Information

Product	Part number
Siemens FDnet Interface Card	VSP-721-SIE

Includes: interface card, interface cable, screws and FDnet cable connectors

The Siemens FDnet Interface Card (FDnet Card) is a simple interface card for the range of VESDA LaserFOCUS™ (VLF) smoke detectors. The FDnet Card provides seamless FDnet communication between a VLF and the FDnet loop.

What is FDnet?

FDnet is a fault-tolerant proprietary Siemens communications protocol. FDnet allows a range of smoke detectors and other devices and the Siemens fire panel to communicate with each other on a single common network.

What are the benefits of using the FDnet Card?

Installing an FDnet Card into a LaserFOCUS detector and connecting to FDnet offers many benefits, including:

- Increased information provided to the Siemens fire panel: three levels of fire alarm information, plus increased enhanced information
- Integrated Card provides reduced cost and installation time and on-site complexity
- Updates managed by firmware revision - no hardware changes needed.

Reduced Installation Time and Cost

Installing a VLF with an integrated FDnet Card saves time and costs:

- Removes the need to purchase and install a GPIO module
- Reduced and simplified set-up due to removal of GPIO module
- Panel-detector operation is as simple as a Siemens point detector
- Common card for multiple regions

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