

# VESDA ENCLOSURE

## 19" SUBRACK ENCLOSURE



### Glass-Fronted 19" Subrack Enclosure

To compliment the VESDA range of detectors, displays and programmers a 19 inch Subrack enclosure is available. The 19 inch rack enclosure is designed to house up to 12 display and/or programmer modules, VESDAnet sockets, or relay only modules in certain of configurations to suit the particular requirements of a site where centralized control and monitoring of the VESDA system is required.

### Modular System

VESDA Aspirating Smoke Detectors (ASD) are available in a wide range of configurations to suit the particular requirements of each site. The system is modular with Display and Programmer Modules located in the most convenient location. The backbone to this modularity is VESDAnet, a fault tolerant RS485 communications loop which links all elements of the VESDA system together.



### Mounting Options

Display and Programmer modules can be mounted in a Detector Enclosure, in a Remote Box or in a 19 inch Subrack. A Hand-held programmer module is also available for temporary and convenient connection to the VESDA system. Details of these standard mounting options are given in the Detector, Display and Programmer Data sheets.

### Relay Signalling

Each Display Module can be configured to drive relays which can be used for reliable (fault tolerant) signalling of Fire and Fault conditions to external systems. Standard Display Modules can drive 7 relays while Scanner Display Modules can be configured to drive 7 or 12 relays. Relay functionality is fully configurable according to site requirements.

### 19" Rack Enclosure

19 Subracks can be installed in glass fronted enclosures and are mounted on a swing frame for convenient connection of all the cables.

Cable entry for 24 VDC power, VESDAnet connection and interfacing to the relays is provided by multiple knock-outs on all four sides of the box. 19" Subracks and blank panels must be ordered separately. Each enclosure will accommodate up to 3 subracks. If utilizing only 1 or 2 racks the VESDA Power Supply (VPS-100-US-xxx) can also be mounted in the enclosure.

### Features

- Dual hinged glass door provides easy access to VESDA modules and termination boards
- Second door provides access to the termination boards
- Designed for easy mounting
- Multiple knock-outs for easy cable entry
- Holds up to 3 subracks
- Full size, lockable window and door

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## TECHNICAL SPECIFICATIONS



### Specifications

<b>Construction</b>	<ul style="list-style-type: none"> <li>NEMA 1 Rating</li> <li>16 gauge cold roll steel</li> <li>Fully welded and ground</li> <li>Double knockouts</li> <li>Continuous hinges with stainless steel pins</li> <li>Full size window kit – lockable</li> <li>Door – lockable (keyed alike with window)</li> </ul>
<b>Mounting</b>	Key hole mounting
<b>Finish</b>	2-part polyurethane – bake on textured finish
<b>Color</b>	Light grey
<b>Locks</b>	Keyed alike Chicago locks
<b>Blanking Plates</b>	<ul style="list-style-type: none"> <li>14 gauge cold roll steel</li> <li>Light grey matching color</li> <li>Single plate – 19 x 5 1/4"</li> <li>Double plate – 19 x 10 1/2"</li> <li>Enclosure requires 4 10/32" screws for mounting 19" rack and/or blanking plates</li> </ul>

### Ordering Information

Ordering Code	Description
VRE-100	Rack Enclosure
VRE-001	Blank Plate (single)
VRE-002	Blank Plate (double)

### Commonly Used Subracks

SKU#	Description
VSR-0000	VESDA SUBRACK 19" W/4BL PL
VSR-0002	VESDA SUBRACK 19" W/DISP
VSR-0003	VESDA SUBRACK 19" W/3BL PL+VN
VSR-0022	VESDA SUBRACK 19" W/2DISP
VSR-0222	VESDA SUBRACK 19" W/3DISP
VSR-2000	VESDA SUBRACK 19" W/DISP
VSR-2220	VESDA SUBRACK 19" W/3DISP
VSR-2222	VESDA SUBRACK 19" W/4DISP
VSR-2223	VESDA SUBRACK 19" W/3DISP+VESDANET
VSR-3002	VESDA SUBRACK 19" W/VESDANET+DISP
VSR-3022	VESDA SUBRACK 19" W/VESDANET+2DISP
VSR-4444	VESDA SUBRACK 19" W/4SCAN DISP
VSR-5555	VESADA SUBRACK 19" W/VLP RRP+RTC7
VSR-6666	VESDA SUBRACK 19" W/4DISP
VSR-6B6B	VESADA SUBRACK 19" W/VLP DISP+RTC
VSR-7777	VESDA SUBRACK 19" W/RMT TERM+4SCAN DISP
VSR-JJJJ	VESDA SUBRACK 19" W/4VLC DISP+7RLY
VSR-KKKK	VESDA SUBRACK 19" W/4VLC DISP
VSR-QQQQ	VESDA SUBRACK 19" W/4VLI DISP
VSR-VVVV	VESDA SUBRACK 19" W/4VLF DISP

