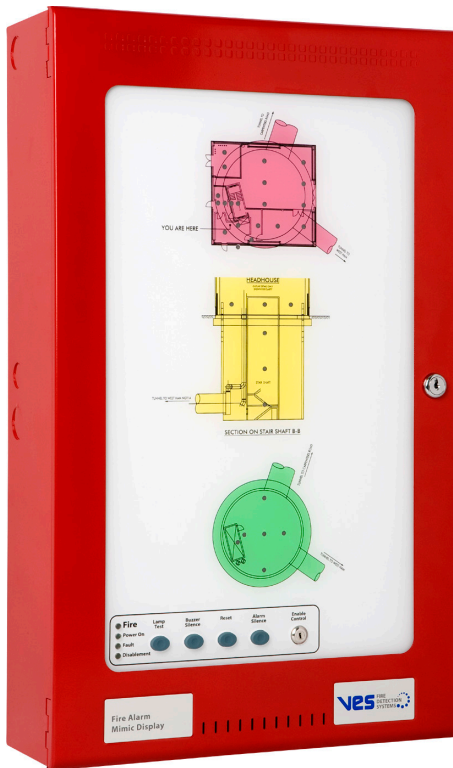


eMATRIX | Configurable Floor Plan Mimic Annunciator



Standard Features

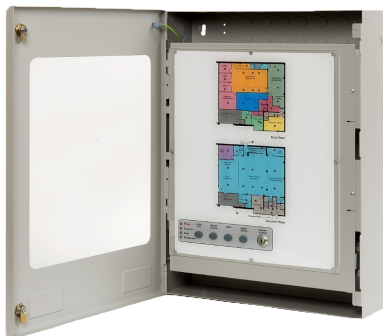
- Available in Red or Gray
- Up to 504 LEDs can be controlled from any Elite panel
- Select up to 12 printed colors (not including background and building outline)
- Available in a range of standard enclosures to suit any application
- Custom sized units can be made upon request
- Choice of Red, Green or Yellow LEDs
- eMATRIX can easily be upgraded on site with minimal cost and effort
- UL 864 9th edition listed

Product Overview

The eMATRIX system uses flexible, optic light guides to illuminate areas on a floor plan, laid over a high resolution grid. This unique system dispenses completely with wiring and enables indicators to be moved, removed or added on site without the need for any wiring.

All indicators can be configured to operate upon any event type and at point, zone or group level via the powerful and intuitive Loop Explorer configuration. eMATRIX can be supplied with or without LEDs and controls. Optional LEDs indicate Power on, Fire, Trouble and Disablement and optional controls are for Alarm silence, Buzzer silence, Lamp test and Reset.

Housed in attractive, slimline enclosures to match Elite fire alarm panels and with high quality, full color floor plans, eMATRIX provides a clear, geographical indication of fire alarm activation enabling speedy identification of the source of an alarm.



MIMIC MOUNTED ON INNER DOOR



LED GRID



INTERNAL LAYOUT



Model Numbers

- VF130X-YYY
- VF132X-YYY
- VF133X-YYY

X can be the number 1 or 2, which denotes color of enclosure. **YYY** can be the number 1, 3, or 6, which denotes the number of LED extension boards.

Please contact VES for assistance with any configuration options.

Technical Specifications

Current Draw	See Table Below
Supply Voltage	21 to 30V DC
Terminal Capacity	22 AWG to 12 AWG solid or stranded wire
Construction	16 gauge mild steel
Finish	Epoxy Powder Coat
Mimic	3mm Clear Anti-Glare Acrylic
Cabinet Locks	CAT30 key
Communication Interface	RS485 - Elite serial I/O bus protocol
Maximum Distance from Control Panel	4000 feet using RS485 data cable
IP Rating	IP30
Operating Temperature	20F to 120F
Number of Indicators (Standard Models)	AM2 - up to 40 LEDs AM3 - up to 72 LEDs AM4 - up to 88 LEDs

Number of LEDs	Standby Current	Full Alarm Current	Batteries for 24 Hours	Batteries for 48 Hours
40	0.026	0.09	0.88 Ah	1.76 Ah
72	0.052	0.18	1.75 Ah	3.5 Ah
88	0.078	0.36	2.8 Ah	5.2 Ah

Enclosure Size Options (Available in Red or Gray)

