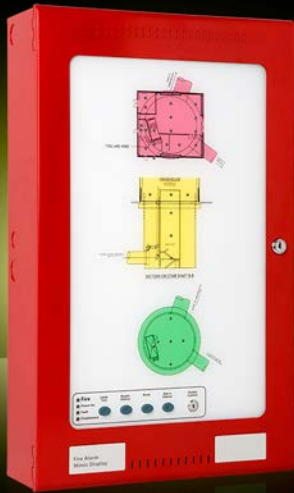




eMatrix

Configurable Floor Plan Mimic Annunciator

NOT SUITABLE FOR EU MARKETS



Features

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

Product Overview

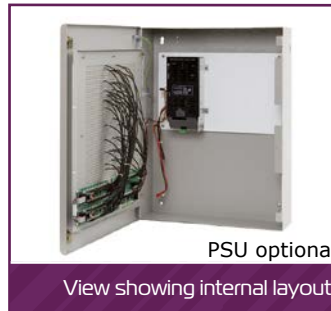
- The eMATRIX system uses flexible, optic light guides to illuminate areas on a floor plan, laid over a high resolution grid. This unique system dispenses completely with wiring and enables indicators to be moved, removed or added on site without the need for any wiring.
- All indicators can be configured to operate upon any event type and at point, zone or group level via the powerful and intuitive Loop Explorer configuration or ESP Discovery. 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 colour or floor plans, eMATRIX provides a clear, geographical indication of fire alarm activation enabling speedy identification of the source of an alarm.



View showing mimic mounted on inner door



View showing LED grid



PSU optional
View showing internal layout

Panels

No. LED's	Standby Current	Full Alarm Current	Batteries for 24 hours	Batteries for 48 hours
40	0.026	0.09	0.88Ah	1.76Ah
72	0.052	0.18	1.75Ah	3.5Ah
88	0.078	0.36	2.8Ah	5.2Ah

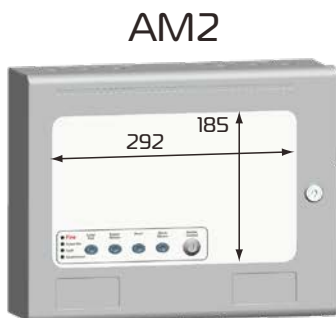
Technical

Construction	- 1.5mm mild steel
Finish	- epoxy powder coat
Mimic	- 3mm Clear Anti-Glare Acrylic
Supply voltage	- 21 to 30V DC
Supply current	- See above
Terminal capacity	- 22 AWG to 12 AWG solid or stranded wire
Enclosure Size & mimic area	- see 'Enclosure Size Options'
Cabinet locks	- CAT30 key
Communications interface	- RS485 – Elite serial I/O bus protocol
Maximum distance from control panel	- 4000 feet using RS485 data cable
IP rating	- IP30
Operating temperature	- -5°C to 50°C
Number of indicators (standard models)	- AM2 size - up to 40 LED's, AM3 size - up to 72 LED's, AM4 size - up to 88 LED's

Enclosure Size Options

Max. number of LED's = 40

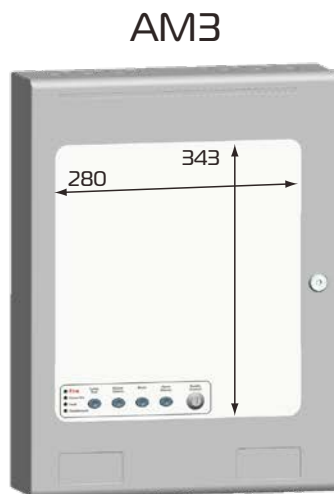
Will house 1 x 8 Red LED driver PCB and 3 x 16 LED extension PCB's (Red, Green or Yellow)



369mm Wide x 310mm High x 90mm Deep

Max. number of LED's = 72

Will house 1 x 8 Red LED driver PCB and 4 x 16 LED extension PCB's (Red, Green or Yellow)

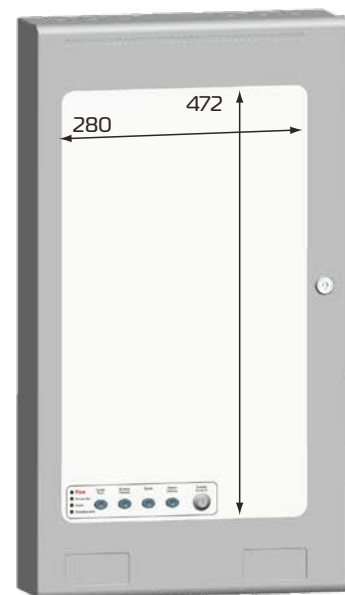


369mm Wide x 480mm High x 110mm Deep

Max. number of LED's = 88

Will house 1 x 8 Red LED driver PCB and 5 x 16 LED extension PCB's (Red, Green or Yellow)

AM4



369mm Wide x 610mm High x 127mm Deep