eurotech®
FIRE SYSTEMS LIMITED

Euro-VAC

Evacuation Alert Control & Indicating Equipment

BS8629:2019 is the new Code of Practice for the design, installation, commissioning and maintenance of evacuation alert systems for use by fire and rescue services in buildings containing flats. Eurotech's evacuation alert system has been developed with great care to follow all the recommendations of BS8629:2019. Combining robustness and reliability with speed and simplicity, our evacuation alert system comes in a range of flexible formats with wired, wireless and hybrid options available.

The Euro-VAC panel is built using industry-leading Eurotech panel technology and delivers proven performance, quality and ease of use. The panel is supplied with 8, 16, 24 or 32 firefighter evacuation alert areas as standard, and is fully expandable from 1 to 4 loops. The panel includes the latest flash-based microprocessor technology and provides a simple, 'at a glance' overview of which evacuation zones are operating. The panel has a virtual display which enables the maintenance engineer to work remotely.

The panel is suitable for a wide range of site applications from small to large buildings containing flats. It is fully programmable on-site, and all programming and servicing can be undertaken on a laptop connected to the Euro-VAC panel using DynamixTools PC programming software.

Outer cabinet: The Euro-VAC panel is supplied with the additional protection of an STS 205-rated high-tensile steel cabinet and should be sited at an appropriate location suitable for firefighter access. The front of the cabinet is clearly labelled 'For Fire and Rescue Service Only'. The cabinet incorporates a high-security locking mechanism with unique copy-protected keys that are carried by the FRS.

PC software: An extensive suite of user-friendly Windows-based PC software programs has been developed to enhance your experience when using EACIE panels. The suite incorporates a number of different programmes to include configuration, service and maintenance reports, and virtual terminal-type tools to allow the flexibility of the equipment to be fully explored.

Network: Simply adding a network card allows the panel to communicate with any other Eurotech fire panel or network peripherals. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant network format.

KEY FEATURES

- Modular construction
- Can be customised on-site if required via insert label
- Fully expandable from 1 to 4 loops
- Supplied with 8, 16, 24 or 32 firefighter evacuation alert areas as standard
- Control panel with latest dual flash-based microprocessor technology
- Robust vandal-resistant steel enclosure with unique copy-protected keys
- Suitable for a wide range of site applications
- Virtual screen for simple ease of use and remote programming and servicing
- Fully programmable on-site
- Designed to comply with the BS 8629 Code of Practice

CERTIFICATION

Vandal-resistant steel cabinet is certified to STS 205 issue 4/BR2
High-security lock is certified to EN 1303:2015

TECHNICAL SPECIFICATION

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Protocols	Eurotech
Number of evac alert zones	Up to 32
Number of loops	Dedicated 1-4 loop control panel
Devices per loop	240
Mains supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max
Charger current	2A temperature compensated
Serial ports	1 x on-board RS232 connection for PC communication
USB interface	1 x USB B type connection for PC communication
Programming	PC running Windows tools
Event log	5000 event & diagnostic + 500 fire
Networking	Optional plug-in network card
OUTER BOX SPECIFICATION	
Colour	RAL 9006 silver grey
Dimensions H x W x D	750 x 700 x 200
Locking mechanism	Solid steel construction with anti-hacksaw locking bars, patented cylinder system & unique lock
Weight	70 kg
INTERNAL BOX SPECIFICATION	
Colour RAL 7035	RAL 7035
Dimensions H x W x D	475 x 450 x 135
Lock	Standard CAI Emkay Key
Weight	10 Kg
Battery (min / max)	2 x 12v 4Ahr / 2 x 12v 17Ahr
Cable entry	11 x rear

DIMENSIONS & CAPACITY

The evacuation panel is supplied with a single loop card only and can be expanded up to 4 loops with the fitting of additional loop driver PCBs.
The evacuation panel is complete with its own power supply and charger, suitable for use with up to 2 x 12V 17 Ahr batteries.

ORDER CODES & OPTIONS

EACIE control panels and peripherals

EUR-8629-08	Euro-VAC Controller c/w 1 loop card expandable to 4, and 8 evacuation zones including LED indication
EUR-8629-16	Euro-VAC Controller c/w 1 loop card expandable to 4, and 16 evacuation zones including LED indication
EUR-8629-24	Euro-VAC Controller c/w 1 loop card expandable to 4, and 24 evacuation zones including LED indication
EUR-8629-32	Euro-VAC Controller c/w 1 loop card expandable to 4, and 32 evacuation zones including LED indication
EUR-8629-08/FT	Euro-VAC Controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 8 evacuation zones including LED indication
EUR-8629-16/FT	Euro-VAC Controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 16 evacuation zones including LED indication
EUR-8629-24/FT	Euro-VAC Controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 24 evacuation zones including LED indication
EUR-8629-32/FT	Euro-VAC Controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 32 evacuation zones including LED indication
MXP-502	Additional Loop Card
MXM-546	Separate Battery Enclosure (45Ah) - if required

EACIE sounders and peripherals

MXP-501	Remote Battery Temperature Sensor
100-2039V	EURV-SBR-IP65 Intelligent AV Wall Mounted Sounder Beacon - Red
100-2041V	EURV-WSR-IP65 Intelligent Wall Mounted Sounder - Red
100-2039VW	EURV-SBR-IP65 Intelligent AV Wall Mounted Sounder Beacon - White
100-2041VW	EURV-WSR-IP65 Intelligent Wall Mounted Sounder - White
100-8003V	Handheld Programming Unit
100-2033V	EURV-OM-RP Single Relay Output Module Plate Mount (no box)
100-2034V	EURV-OM-RM Single Relay Output Mini Module
EVAC-FLR-ISO	Single Floor Isolator Module
EVAC-RES-ISO	Dual Residential Isolator Module