EKAVIS

EF-EN-5102/5104/5106/5108
FIRE ALARM CONTROL PANEL

LPCB
CPR C€
RoHS
EN54 Certified

Features

- EN54-2 & EN54-4 Certified, LPCB approved
- 7-inch interactive multi-touch color display
- 324 addressable points per loop
- Loop length up-to 2000 meters
- Up-to 10,000 historical events
- Hot-Swappable loop cards
- Cybersecure Panels

- Modular design – 2/4/6/8 Loop configurations
- Up-to 144 zone LED indicators
- Networkable up-to 254 panels
- LED indications on loop cards
- Inbuilt surge protector card
- Optional inbuilt printer
- Inbuilt Batteries

Description

EKAVIS EF-EN-51 range of fifth generation Fire Alarm Control Panel (FACP) from EKAVIS features an advanced, sleek and modular design. These panels come with a 7-inch interactive multi-touch color display for an enhanced user interface. It is certified to EN54-2 & EN54-4 and is designed to handle complex installations, user-friendly operation and low maintenance.

EKAVIS EF-EN-51 range of panels are modular in design and are available in 2/4/6/8 Loop variants with an optional Extended battery (EB) panel for up-to 48 hours of backup time. The panels feature a high loop capacity of 324 addressable points and is compatible with EKAVIS devices using proprietary protocol. The panels come with a surge protection card that provides reliable defense against unexpected voltage spikes.
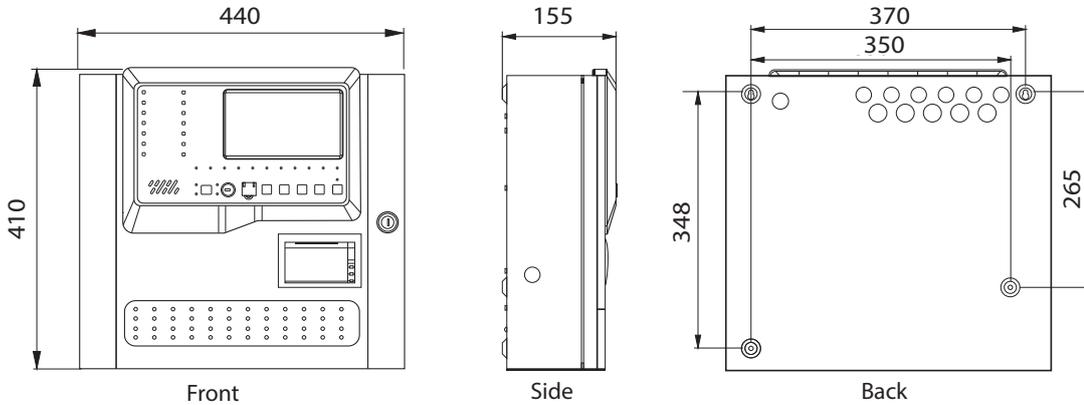
The system features advanced and flexible networking architecture with an IP gateway card, supporting up-to 254 panels within a single node and a total capacity of 658,368 devices. EKAVIS Firestorm Graphics software enables centralized monitoring and intuitive graphical representation for simplified operation and maintenance. The panels also support integration with Building Management Systems (BMS) for seamless supervision and control
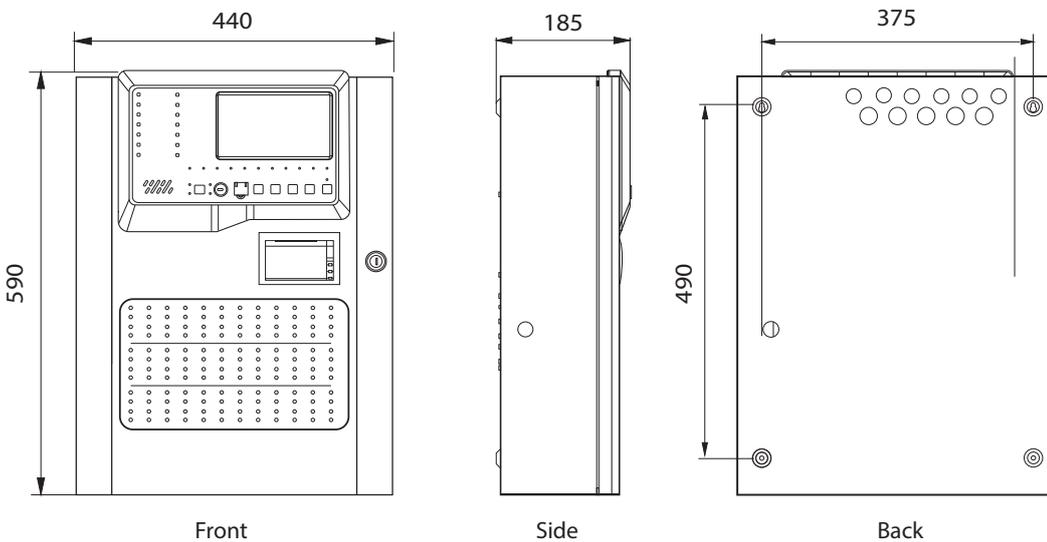
Technical Specification

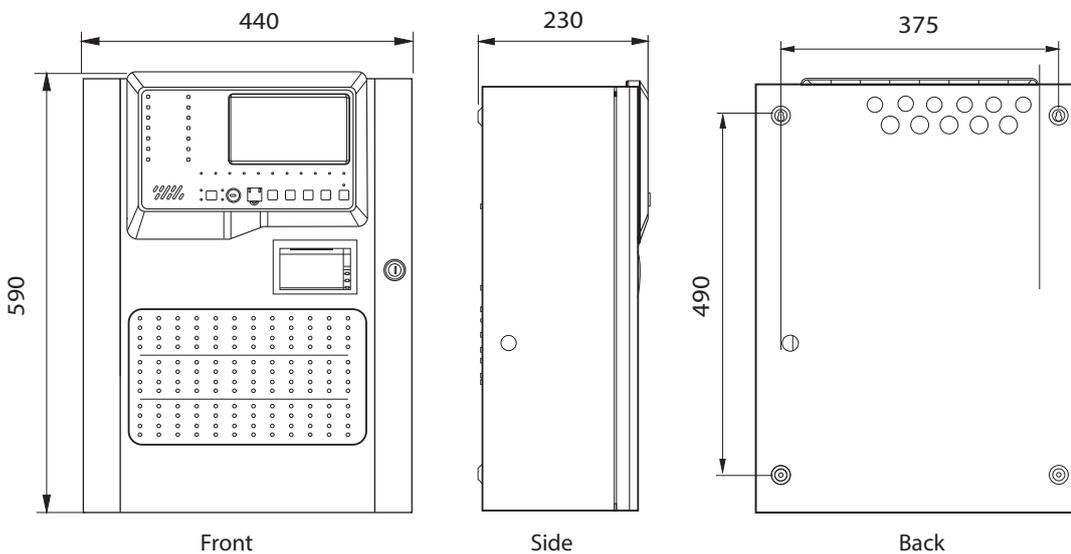| Standard	EN54-2 & EN54-4
HMI	7-inch color touch screen display
Mains Supply	110/230V AC (-15%, +10%), 50Hz/ 60Hz
Operating Voltage	24V(20V~ 28V)
Loop Current	500mA
Power Rating	Imax. A=3.1A; Imax's=5.55A; Imin=0.3A
Connectivity	CAN, RS485, IP
Sounder Circuits	Up-to 6 Circuits
Zone LED	EF-EN-5102 & EF-EN-5104: 48 Zone LED EF-EN-5106 & EF-EN-5108: 144 Zone LED
Inbuilt Batteries	EF-EN-5104: 2×12V/12Ah / EF-EN-5108: 2×12V/18Ah EF-EN-5104-EB / EF-EN-5108-EB: 2×12V/24Ah
Operating Temperature	-15°C to +60°C
Humidity	≤95% (non-condensing)
Enclosure	Mild steel sheet enclosure
IP Rating	IP30
Approximate Weight	EF-EN-5104: 9 kg / EF-EN-5108: 11 kg EF-EN-5108 (EB): 13 kg

Appearance and Dimensions(mm)

EF-EN-5102 / 5104

440

155

370
350

410

348

265

Front

Side

Back

EF-EN-5106 / 5108

440

185

375

590

490

Front

Side

Back

EF-EN-5102-EB/5104-EB/5106-EB / 5108-EB - Extended Battery Panels

440

230

375

590

490

Front

Side

Back

CPR C€ RoHS EN54 Certified

www.ekavis.com

Ordering Information

EF-EN-5102	Intelligent addressable fire control panel 2 loop (648 addressable points)
EF-EN-5104	Intelligent addressable fire control panel 4 loop (1296 addressable points)
EF-EN-5106	Intelligent addressable fire control panel 6 loop (1944 addressable points)
EF-EN-5108	Intelligent addressable fire control panel 8 Loop (2592 addressable points)

Extended Battery Panels

EF-EN-5102-EB	Intelligent addressable fire control panel 2 loop (648 addressable points)
EF-EN-5104-EB	Intelligent addressable fire control panel 4 loop (1296 addressable points)
EF-EN-5106-EB	Intelligent addressable fire control panel 6 loop (1944 addressable points)
EF-EN-5108-EB	Intelligent addressable fire control panel 8 Loop (2592 addressable points)

Accessories

EF-EN-DLC	Intelligent dual loop card
EF-EN-PRT	Printer Kit
EF-EN-NC-A	Network card - class A
EF-EN-NC-B	Network card - class B
EF-EN-IP	IP Gateway card
EF-EN-SCB	Sounder circuit board (Up-to 6 Circuits)
EF-EN-RCB	Relay circuit board (Up-to 5 Circuits)
EF-EN-BMS-B	BACnet gateway card
EF-EN-BMS-M	Modbus gateway card

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