

FG901CPN-MININET_AP

ADDRESSABLE FIRE PANEL 1 LOOP

TOUCH SCREEN (NETWORKABLE)

240 DEVICES



PRODUCT OVERVIEW

FG901CP-MININET_AP is a microprocessor fire detection panel that allows the detection of fires through wired or wireless devices and can be programmed and interrogated through a fully touch screen interface.

MAIN FEATURES

The Multiprotocol panel, is able to manage an open or closed loop of 240 compatible devices, both optical and thermal. In complex applications it can be installed in a ring network. In this distributed architecture, areas and zones controlled by detection devices can be combined by means of logical expressions in order to trigger events on the central unit of other panels of the ring network.

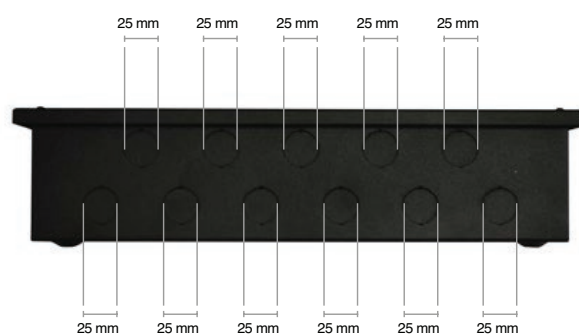
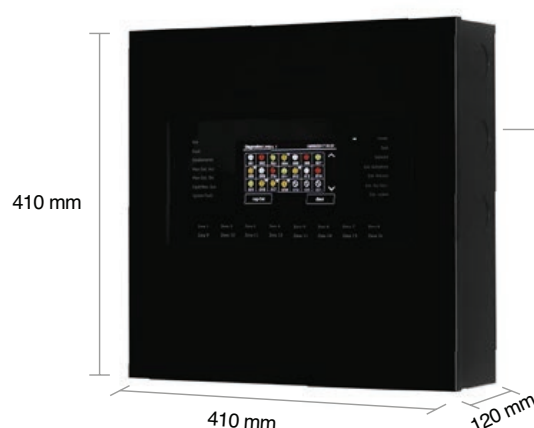
Certified UNI EN 54-2 and 54-4 for fire detection and signalling systems, this control unit offers three different levels of access for different types of operators (installer, safety manager and end user). The touch interface, simple and ergonomic, allows any type of user an intuitive interaction without time or training costs. All configuration steps are immediate and the selfprogramming and self-addressing mechanisms allow you to recognize, interrogate and program devices in the field quickly, systematically and without errors.

The control panel can be programmed both locally and remotely, using the dedicated OneCloud online platform, data can be exported and imported via any USB stick. Monitoring takes place thanks to the WINWATCH32 supervision system.

The diagnostics of sensors and devices is carried out directly by the control panel and only one operator is able to independently run all the test procedures and verify the operation of the system in all its components. Periodic maintenance can thus be planned and performed in an optimal way. Diagnostic data and historical data recorded by the control panel can be easily exported and analyzed in cvs/ excel format.

The control panel can be customized for all installation conditions: the mechanic color, the display background, the color of the programmable LEDs, the logo displayed on the welcome screen and the language can be chosen as desired.

MODEL	DESCRIPTION
FG901CPN_MININET_AP	1 loop Fire alarm control panel with touch screen and Networkable up to 32 FACP
FG901NC_AP	Network interface
FG901PSU_AP	Additional power supply
FG901RP_AP REPEATER PANEL	16 Nos Touch screen repeater
FG901 56 LED_AP	16 nos MINIC Panel
FG901MD_AP	Multiprotocol universal interface with Modbus
WIN32	GUI SUPPORT 1 Server and 10 clients , Full integrated monitoring station with Graphical Map for 128 Nos of FG panels



APPLICATIONS

Created to fit small and medium installations, it finds its main application in the following fields:

- Industrial plants, offices, shops and warehouses
- small and medium size structures,



Technical Specification

Certification :	2004/108/EC (EMC directive), 2006/95/EC (Low voltage directive), UNI EN 54-2 (Control and signal central unit), UNI EN 54-2 (Power supply device)
Microprocessor :	32 bit
Master card:	TD595
Memory :	RAM: 2 MB, Flash: 512 KB, EEPROM: 4 MB
Display :	Touchscreen 480 x 272 TFT 4.3"
Loop number :	1 loop
Analogue lines connection:	Open or closed loop
Detection lines length :	Up to 5000 m
Remote keyboards distance :	Up to 800 m
Cable knockouts:	29 x 22 mm
Alarm sounder:	Silencing and/or excludable buzzer
Sounder output or tel. combiner:	24 V dc 1 A
Solid form output with clean contact:	11A 30V dc 120V ac
General output with open collector:	Max. 100 mA
Peripheral device input/output:	RS 485
Input/output for programming and remote management:	RS 232/micro USB
Protection level:	IP 30
Environmental conditions:	From +0° to +50°C (operating temperature) From -40° a +70°C (storage temperature)
Communication protocol:	CEI ABI (with PTLAN card) MODBUS (with MCGTWMDB protocol)
Area partitioning:	Up to 192
Programmable logical functions:	Up to 192
Events archive:	Up to 1000
Programming:	Locally from the keyboard. From remote, with dedicated software (FG901CFG)
Access safety:	Multilevel password
Supported languages:	111 with special characters and symbols
Power supply:	230 V ca – 50 Hz
Absorption from the network:	Max. 200 mA
Buffer batteries:	2 x 12 V cc 7.2 Ah
Auxiliary supply output:	Max 24Vcc 1A
Current available for the loop:	Max. 500 mA
Electrical protection:	Circuit short protection Fuse f4 Ah
Battery protection:	Efficiency control and disconnection in case of over-discharge
Dimension:	330 x 310 x 80 mm
Weight:	3.3 kg (base unit without buffer battery)
External structure material:	Iron with epoxy paint
Control panel colours:	White or black
Frontal LEDs:	14
Display background colour:	Black, blue, green



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