

# FG901CP-MINISL\_AP

## ADDRESSABLE FIRE PANEL 1 LOOP

### TOUCH SCREEN SUPER LIGHT VERSION

#### ( HALF LOOP)



## PRODUCT OVERVIEW

FG901CP-MINISL\_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

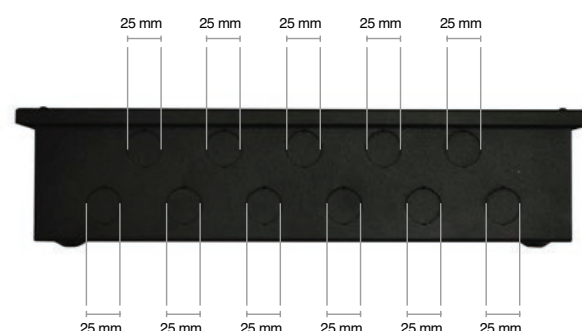
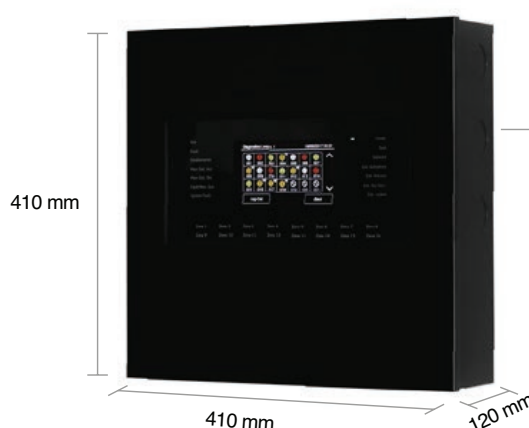
The Multiprotocol panel, is able to manage an open or closed loop of 126 compatible devices, both optical and thermal. The areas and zones controlled by detection devices can be combined by means of logical expressions in order to trigger events on the central unit and remote repeater panels.

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 self-programming 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 FG Cloud online platform, data can be exported and imported via any USB stick.

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 analysed in CVS/ excel format.

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



| MODEL                     | DESCRIPTION   |
|---------------------------|---|
| FG901CP-MINISL_AP         | 1 loop Fire alarm control panel with touch screen non-Network |
| FG901RP_AP REPEATER PANEL | 16 Nos Touch Screen repeater                                  |

## APPLICATIONS

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

- Church, Library, Mosque , Warehouse , Offices, Shops and small size buildings



# Technical Specification

|   |   |
|---|---|
| Certification :                                     | 2004/108/EC (EMC directive), 2006/95/EC (Low voltage directive),<br>UNI EN 54-2 (Control and signal central unit),<br>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)<br>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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