

## CONVENTIONAL FIRE-DETECTION CONTROL PANEL.



Three models are available:

- **SmartLine020-2**, non-expandable 2 conventional zones
- **SmartLine020-4**, 4 conventional zones expandable to 20
- **SmartLine036-4**, 4 conventional zones expandable to 36

SmartLine control panels have supervised outputs for the activation of audio-visual signalling devices, a customizable relay output, fault signaling outputs and two 24V outputs.

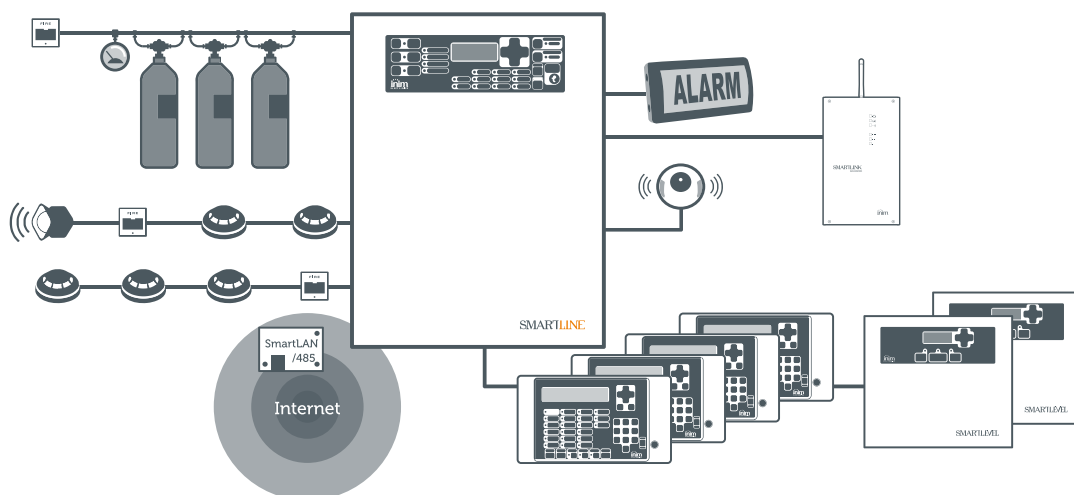
Each detection zone provides a terminal which can be configured as open collector output (activated by programmable conditions), supervised input or 4-20mA gas detector interface

The system information is provided through the graphic display and LEDs on the control panel frontplate.

The RS485 BUS supports up to 4 remote repeater panels. These repeater panels replicate all the fire alarm system data and allow users to access and control the system. The BUS also supports two power-supply stations which can be connected in such a way as to allow supervision of their operating capability and activation/deactivation of their output power during predefined conditions.

The SmartLAN/485 board allows the control panel to connect to an Ethernet network for remote access via the Internet. Once the remote connection has been established, it is possible to modify the configuration parameters and/or manage the system by means of the supervisory software.

Addition of a SmartLetLoose/ONE fire suppression board to any SmartLine control panel provides the system with GAS suppression control capabilities in compliance with EN12094-1. SmartLine fire extinction control panels can operate autonomously or can interface with addressable analogue control panels by simply connecting them to the RS485 BUS.



## MAIN FEATURES

- Available with 2 zones, 4 zones expandable to 20, 4 zones expandable to 36
- Certified EN54-2, EN54-4 and EN54-21
- Certified EN12094-1 (Fire extinction)
- Supports up to 32 devices per zone
- Manages SmartLetLoose/One fire extinction board (function EN12094-1 approved)
- 1 supervised alarm output (NAC)
- 1 output for communication device activation (dialer)
- 1 dry-contact alarm output
- 1 dry-contact fault output
- 1 ancillary power supply output
- 1 interruptible power supply output
- 1 additional terminal for zones configurable as: open-collector output, supervised input, Gas detector input with 4-20mA interface
- Battery shutdown relay for deep discharge conditions
- Backlit graphic display
- Navigation keys for access to graphic display functions
- Fast keys (Silence, Reset, Evacuate, Investigate)
- RS485 BUS for repeater panel and power-supply station (SmartLevel) connections
- Signal buzzer
- 8 timers
- 8 logical equations
- Automatic balancing of individual detector lines
- RS232 connector for programming via PC
- Programming software
- System programming from the control panel
- Access key for level 2 functions (EN54 compliant)
- Battery charge optimization (via thermal probe)
- Battery efficiency test
- Extensive application of SMD reflux technology
- Metal enclosure

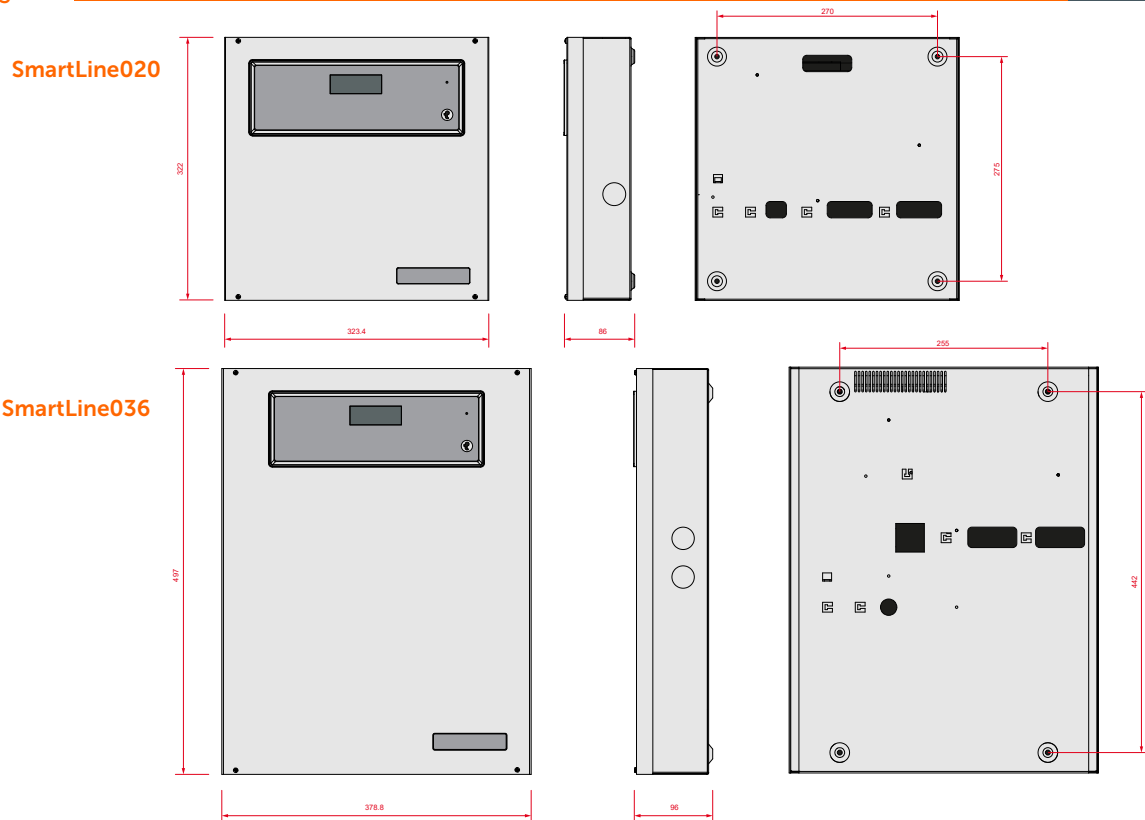
# SMARTLINE020 SMARTLINE036



EN 54-2  
EN 54-4  
EN 54-21  
EN 12094-1

0051  
0051-CPR-1412  
0051-CPR-1413  
0051-CPR-1414

## DIMENSIONS



## Technical specifications

	SmartLine020	SmartLine036
Supply voltage	230V~ (+10% / 15%) 50/60 Hz	
Maximum current draw	0.5 A	1.1A
Output voltage	27.6 V 18 - 27.6 V	
Maximum output current	2.1 A	5.2 A
Maximum battery-charge current	0.6 A	1.2 A
Batteries	2 x 12 V, 7 Ah	2 x 12 V, 17 Ah
Operating temperature	-5°C / +40°C	
Protection Grade	IP 30	
Dimensions	322 x 324 x 86 mm	497 x 380 x 97 mm
Weight	2.8 Kg	6 Kg

## WIRING DIAGRAMS TABLES

- ITD002** Iris Detectors Wiring Diagram
- ITI004** Enea and Iris Detectors Installation
- ITD022** BDH100 to SmartLine
- ITD027** BDH100 Multi to SmartLine
- ITD028** ING55 4\_20mA

## ORDER CODES

- SmartLine020-2:** non-expandable 2 zone conventional control panel
- SmartLine020-4:** conventional control panel with 4 zones expandable to 20
- SmartLine036-4:** conventional control panel with 4 zones expandable to 36
- SmartLine/8Z:** 8 zone expansion board
- SmartLAN/485:** ethernet connection board
- SmartLetLoose/ONE:** extinction board

- SmartLetUSee/LCD-Lite:** remote-control repeater panel for SmartLine and SmartLight control panels
- SmartLeague:** programming and management software
- ProbeTH:** thermal probe for optimization of the battery charging process



Centobuchi, via Dei Lavoratori 10  
63076, Monteprandone (AP), ITALY  
Tel. +39 0735 705007 \_ Fax +39 0735 704912

info@inim.biz \_ [www.inim.biz](http://www.inim.biz)

Inim distributor's stamp  
and signature