



100%
compliant

EN54-21
EN54-4



Made in
Italy

Fire
4G **PRO**

SOLUTION FOR EN54-21
CERTIFIED SERVICES
Security Providers

ATE
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Solution for EN54-21 certified services



Urmet ATE has enhanced its fire monitoring solution by equipping the communicator with a power supply and a backup battery, both **EN54-4 certified**.

The new **Fire 4G PRO** multi-path communicator, together with its dedicated software receiver, enables simple and secure compliance for both the customer's fire detection system and the service provided by the Security Provider, by connecting the system to an **EN50518-certified** alarm monitoring center.

The Fire 4G PRO communicator offers the following features:

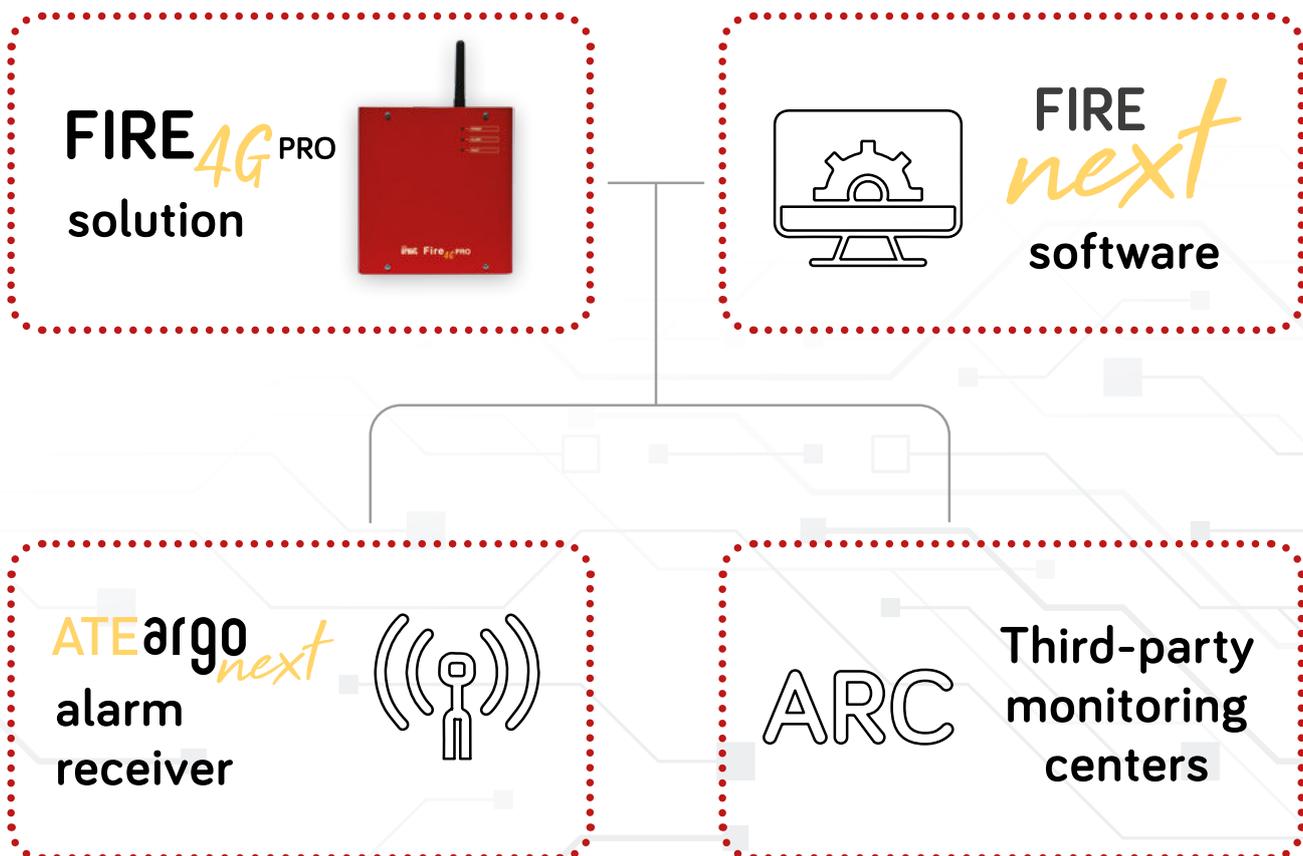
- **4 balanced inputs and 4 outputs**
- Dual communication channels: **4G + ETHERNET**
- **Metal enclosure**
- **High-visibility LEDs** for system connection without output wiring
- **Simplified programming**
- **Available in a fully plug & play installation version**
- **Dual power input: 9-28 VDC and 230 VAC**
- **Backup battery compliant with EN54-4 specifications.**



It can communicate with all alarm receiving centers, transmitting events:

- to an EN54-21 software receiver developed by Urmet ATE, designed to meet the highest compatibility standards required by current regulations and easily integrable with existing management systems
- to SIA IP receivers.

System operation



Fire 4G PRO

/ EN54-21 MULTI-PATH SOLUTION



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The device alone is not enough: thanks to the proprietary bidirectional protocol and the Fire NEXT software receiver, all EN54-21 requirements, both in terms of performance and reporting, are fully met. This ensures a system that complies with current regulations and enables the delivery of certified monitoring services.

Fire 4G PRO can manage fallback connections on two monitoring centers, continuously checking connection status and handling communication path priority. To provide EN54-21 compliant supervision services, the Fire NEXT software receiver must be activated, enabling bidirectional management of the devices while monitoring communication status and operating parameters.

Additional features

The two inputs and two outputs not used for connecting the fire detection system can be monitored and controlled by the operations center, providing greater flexibility.

Benefits



100% compliant solution



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Multi-path communication



Compatible with all alarm management centers



Easy to install
(compact size, LEDs that require no output wiring)



Want the best?

Order the communicator with the SIM included: it comes preconfigured and already registered in the control center, so all you have to do is connect the inputs!



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Fire ^{4G} PRO



SELF-CONFIGURING

EN 54-4 CERTIFIED



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- > multi-path
- > multi-control
- > multi-function

Features

Product code	> 3-PA143
Communication protocols	> Urmet ATE > SIA DCO9 CID
Telephone module	> 4G LTE Cat.1 > Automatic fallback to 2G
Ethernet	> RJ-45 100Base-T
Connection strategy	> 2 monitoring systems for alarm delivery plus SMS text fallback
External LEDs	> Status / Alarm / Fault
Inputs	> 4 balanced inputs, 2 of which are freely configurable
Outputs	> 4 electronic relay outputs, 2 of which are freely configurable
Functions and management via ATEARGO NEXT	> Remote programming and verification > Remote reading of device status > Remote activation of outputs > Event log management (black box) > Remote firmware update from the control center > Plug & Play configuration
Alarms	> Fire > System fault > Device fault > Technical events
Controls	> Communication channel functionality > Self-diagnosis
Programming	> Via integrated web interface, remotely, or through plug & play setup
Power supply	> 9-28 VDC / typical 150 mA @ 12V - requires 12V 1A PSU > 230 VAC > 5 Ah battery
Dimensions	> 180 x 283.2 x 45 mm
Operating temperature	> -5°C to +45°C

Standards



4G LTE Cat.1
Fallback to 2G



Ethernet



Multiple
connection
strategy



FIRE
next

- > EN 54-4
- > EN 54-21:2006
- > EN 50130-4:2011 + A1:2014;
- > EN 61000-6-3
- > EN 62311
- > EN IEC 62368-1:2020 + A11:2020
- > ETSI EN 301 489-1
- > ETSI EN 301 489-52
- > ETSI EN 301 489-17
- > ETSI EN 300 328
- > ETSI EN 301 511
- > ETSI EN 301 908-1
- > ETSI EN 301 908-13
- > EN IEC 63000:2018



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