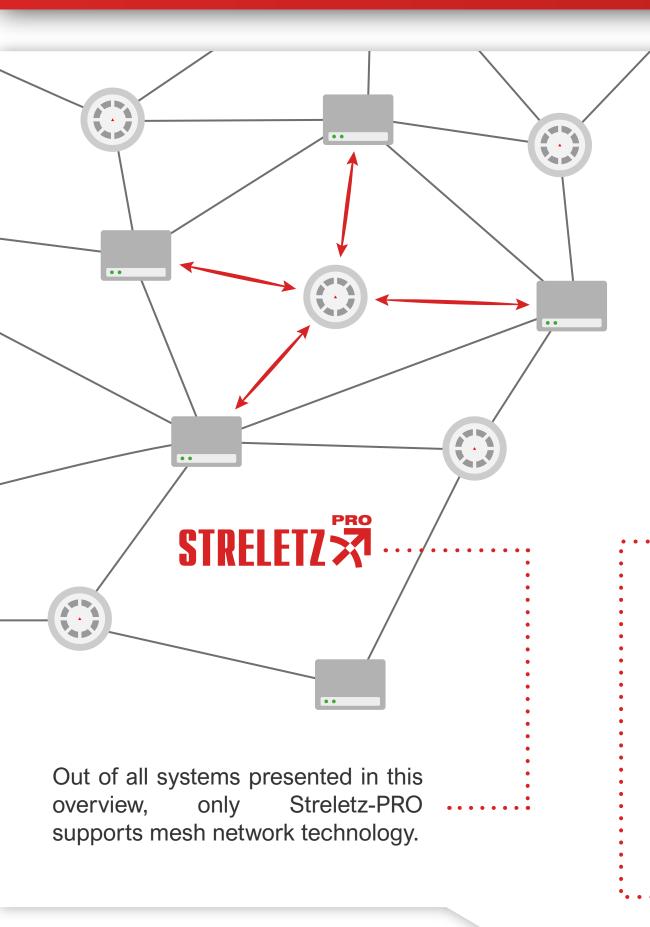
ARGUSSPECTRUM

WHICH WIRELESS ALARM **IS THE MOST ADVANCED?**

Nowadays, many of the fire alarm manufacturers provide their own line of wireless devices in one form or another. This trend is explained by the fact that radio-frequency technologies are becoming both cheaper and more sophisticated, making wireless alarm systems a reliable and cost-effective replacement for wired counterparts.

This overview is aimed at comparing Streletz-PRO to 3 other systems from international manufacturers and demonstrating why it is one of the best choices when it comes to wireless fire protection.



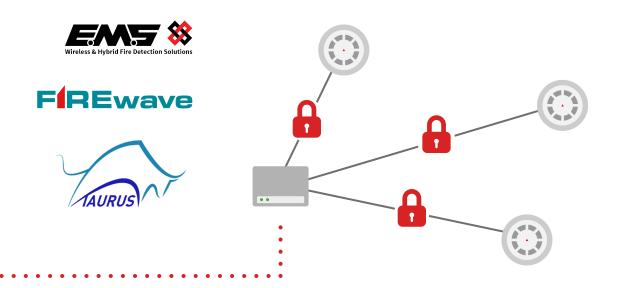


In a mesh network, devices are not tied to a specific expander and can dynamically find pathways to the central translator. This substantially enhances the design and installation process since there's no need to manually configure the network topology.

STRELETZ X

FÍREwave

Systems with no mesh network support can be sometimes tricky to install - you may need to relink devices a couple of times before you find the expander with the strongest connection.



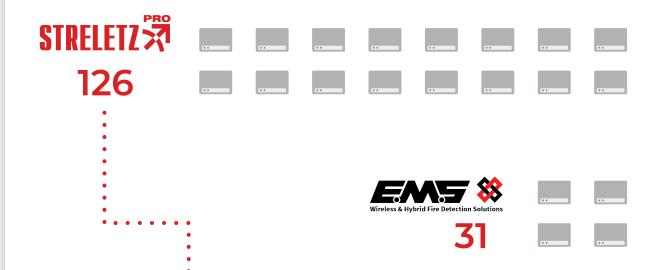
SYSTEM CAPACITY

Systems with large capacity allow you to build one big wireless system that will cover your whole building. Otherwise you will need to install several translators each controlling its own separate network.



NUMBER OF **EXPANDERS**

Expanders and similar devices act as communication nodes in a wireless network. The more nodes the network has, the bigger the area it's able to cover.





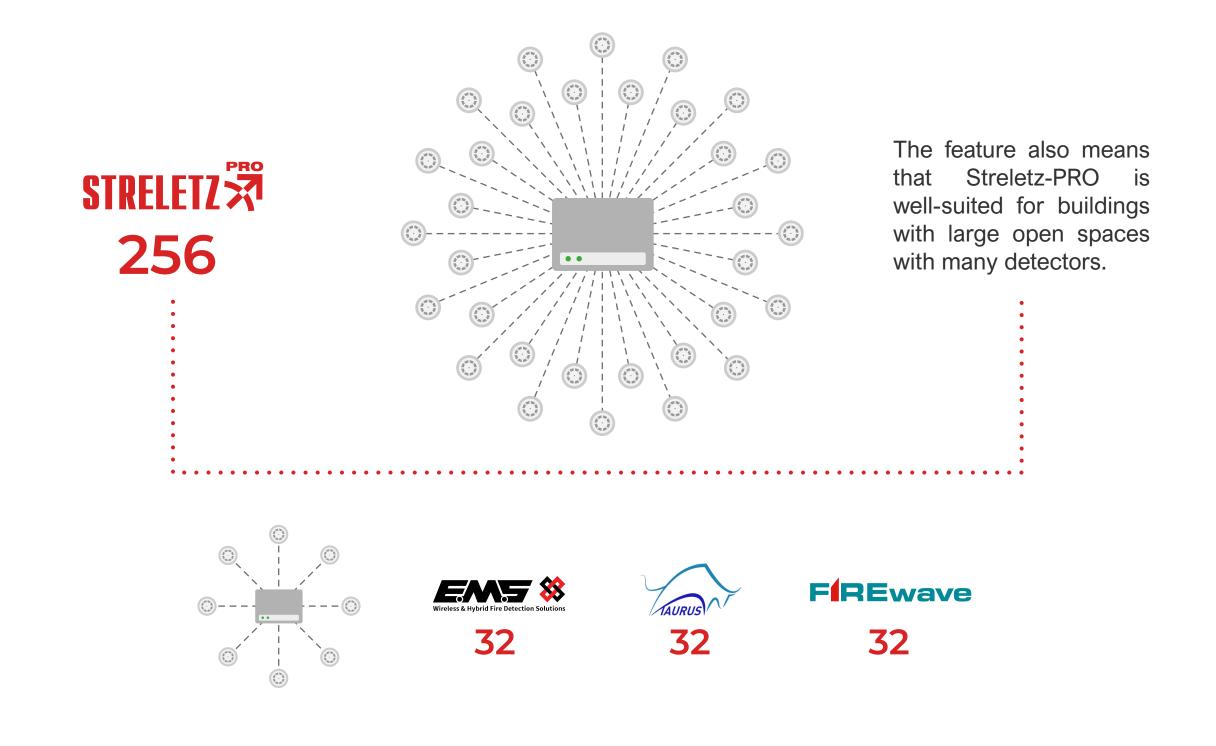
large buildings, but Steletz-PRO isn't! The communication protocol is designed in such a way that up 2000 wireless to devices can work in the same building.

large number The of expanders in Streletz-PRO doesn't just mean that the network area is big. The expanders also provide numerous communication paths, which is an important factor in system reliability.



NUMBER OF DEVICES PER EXPANDER

While installing a wireless fire alarm you may face a situation where you need to link a detector to a specific expander, because it provides the strongest connection. But that expander may have already reached its limit on linked devices. This limit is an important factor in the flexibility and configurability of the system.



1200 M

.

•••• 1000 M

COMMUNICATION RANGE

Srtreletz-PRO has the best communication range on the market - 1.2 km.

Connections between expanders are even stronger, and the distances can reach up to 2 km.

Big communication range in open air is an indicator of how stable the connections in the system are going to be in buildings.

I I I I Undisclosed

••••• 600 M

Max communication range between Streletz-PRO expanders in open air is 2 km. Multiply that by 10 and you get the maximum possible area that can covered by the network. Not a realistic use case, but useful to know.

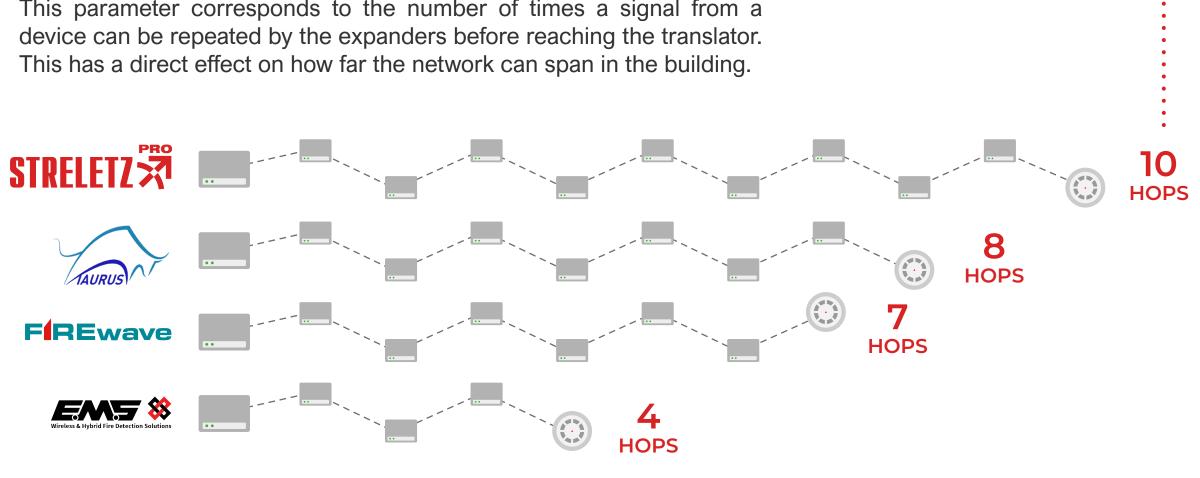
EXPANDER LAYERS

STRELETZ

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This parameter corresponds to the number of times a signal from a device can be repeated by the expanders before reaching the translator. This has a direct effect on how far the network can span in the building.



BATTERY LIFE

Long battery life reduces the expenses required for system maintenance and makes a wireless alarm a cost-effective fire protection solution.



BATTERY TYPE

Maintenance costs greatly depend on the number and the type of batteries used in the devices.



Important note: Streletz-PRO uses generic mass production batteries, rather than proprietary battery packs that are only available from the manufacturer.





AA × 6

PROGRAMMING

When it comes to programming, each wireless system has it's own caveats, but they can be rated based on complexity of the most repeated tasks during set up: linking devices and expanders to the network.

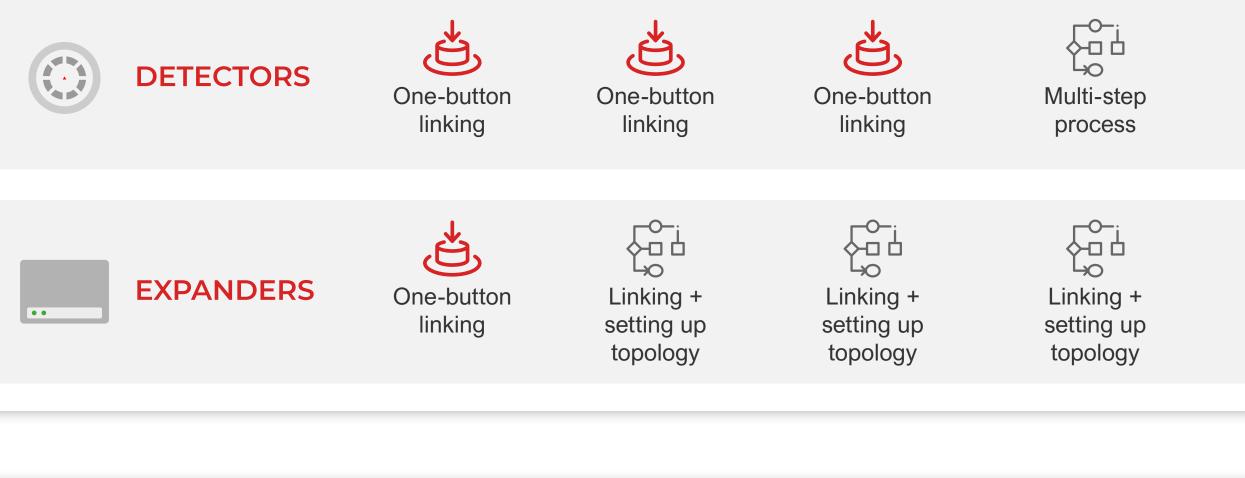
Mesh network plays a big role in making the installer's job easier: expanders in the Streletz-PRO are programmed just like other devices, and the system automatically arranges them in a network.

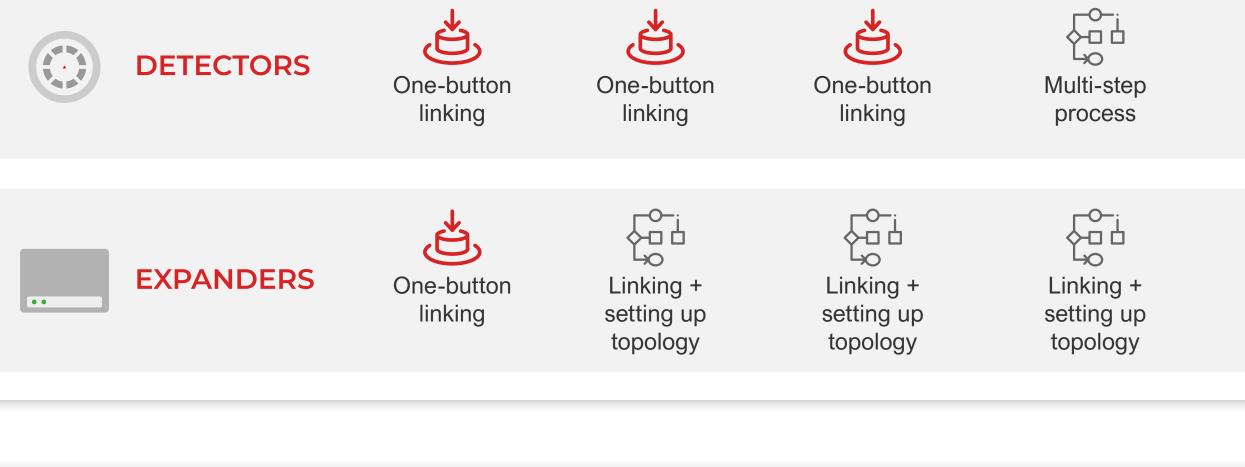






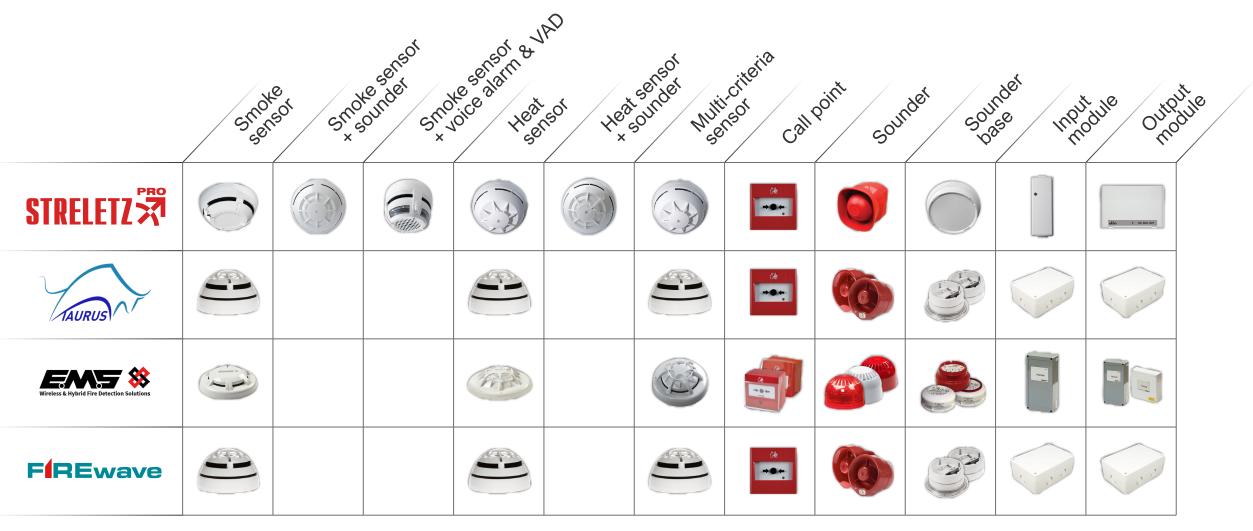






PRODUCT RANGE

Before choosing a wireless alarm for your project, it's important to study the product range of the system, to make sure it meets all project requirements.



FINAL NOTES

The Streletz-PRO wireless system provides highly advanced technical specifications in terms of communication range and power consumption. Support for mesh network technology also puts the system a step ahead of some of its competitors. In addition, it also has a versatile product range, incorporating a wireless model for all essential types of detectors. This makes Streletz-PRO one of the top choices out of all wireless systems in the fire alarm market.

CLARIFICATIONS

Information on communication range, battery life and battery type is provided for optical smoke detectors. Specifications can differ across the product range, e.g. sounders may use a different type of power supply.

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