**Anti-intrusion: AVE smart IoT central units**

**with integrated Wi-Fi module and web server**

***Ideal for wired/wireless solutions, smart IoT central units offer an integrated platform with AVE home automation and its app; for a quick and precise installation they include also advanced test and monitoring functions, even remotely.***

The **AVE anti-intrusion range** is enhanced by **two smart IoT central units with integrates Wi-Fi module and web server**, that are developed to interface perfectly with AVE home automation, sharing with it a single **integrated platform** with the same use and programming mode of the home automation supervisors. These devices can be easily controlled from **Android and iOS smartphones and tablets** (or via internet from PC or any device with a web browser) through the **AVE Cloud app** that allows a unified and simplified management of the home automation and anti-intrusion systems with:

* Customized PUSH notifications for various events (alarms, faults, etc.)
* Central unit’s display and manage in real time
* Display of the images of IP cameras that are connected to the central unit (up to 4)

These **wired/wireless anti-intrusion central units** (codes AF927PLUS and AF927PLUSTC) are able to manage up to **99 radio detectors and 16 wired peripherals** (with double function): the AF927PLUSTC model has **7-inch colour touch screen**, that is replaced by a **multi-function LED** on the AF927PLUS unit.

Both models share the same specifications and innovative functions to create a state-of-the-art **mixed wired/wireless solution** through a two-way dual-band radio system with GFSK digital modulation for greater security and operational reliability.

Through the wired bus generated by the **AF927INTFIL interface board**, these central units can also manage:

* remote expansion modules with 6 inputs;
* remote relay output modules;
* bidirectional wireless modules;
* transponder key readers for the S44 wiring accessories series.

In this way, the flexibility of the **AVE smart anti-intrusion system** is further increased, allowing through the central units to control:

* up to 120 total inputs (wireless + wired);
* up to 16 tag key readers;
* up to 16 outputs.

Connecting the **AF909RR wireless module** to the wired bus, the AF927 series central units also become **perfectly backwards compatible with the wireless systems** that AVE has launched in recent years. Thanks to this feature it’s therefore possible to **make existing systems smart**, including the possibility of management through AVE Cloud, thus expanding the opportunities for professionals.

Even the **remote control** is innovative and enhanced by customizable **smart features** (up to 6), with the possibility - in the presence of a home automation supervisor in the system - to recall **home automation scenarios** (which can also be configured using the daily time programmer).

For a correct protection of the rooms, AVE offers a wide range of **radio detectors and peripherals** that can be managed by the AF927PLUS and AF927PLUSTC control units:

* **AF915R-DB**: perimeter detector with magnetic contact, 2 auxiliary inputs and magnetic anti-tamper function. Available in white and brown colours;
* **AF963R-DB**: PIR volumetric detector with extensive setting possibilities;
* **AF964R-DB**: double technology outdoor detector (double PIR + microwave);
* **AF965R-DB**: curtain effect detectors with double PIR for protection of openings;
* **AF970R-DB**: radio keypad with LCD display;
* **AF976R-DB**: long range curtain effect detector for outdoor use;
* **AFTR02**: transmitter of technical alarms; it allows interfacing any technical alarm equipped with a potential free contact output (ex: gas detectors, etc.);
* **AF53903R-DB**: sounder with voice messages and possibility to select the optical and/or acoustic signal independently for the various events.

In addition to the devices listed above, AVE offers a wide range of **wired detectors** for indoor and outdoor environments such as:

* **AF963N**: wall mounted dual technology detector with anti-blinding;
* **AF969F**: dual technology detector with curtain effect for outdoor use;
* **AF973F**: dual technology detector with curtain effect;
* **AF974F**: triple technology detector (2 PIR + MW).

It’s also available the new external cutting supervised power supply **ALI12-5A** with 2 relay outputs that monitor the presence of the electrical network and low battery charge.

The result is an extremely **flexible, reliable and secure anti-intrusion system** that can be adapted to any system requirement. For a quick and precise installation, smart IoT central units offer to the installer **advanced test and monitoring functions, even remotely** thanks to the unified AVE Cloud platform which, in user mode, allows the end user to manage the anti-intrusion system directly from his smartphones, as well as his home automation system and to integrate it into the **IoT ecosystem** that can potentially be created inside the home, with the possibility of recalling the various functions also through the most widespread **Voice Assistants**.

**Security becomes smart with AVE.**

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**www.ave.it**