

AVE's Connected Innovation for the Smart Home

A cutting-edge IoT solution featuring coordinated design and Wi-Fi Mesh technology, where every device can act as the system's potential gateway.

Designed to meet the needs of modern smart homes and professionals, the **AVE connected series** offers an extensive selection of devices characterized by **Wi-Fi Mesh technology** and a **coordinated design with wiring accessories**. These collections stand out aesthetically as well, with refined finishes and premium materials, available in versions with both traditional and touch controls.

This is an **IoT solution** based on dual wireless technology (Wi-Fi® Mesh Domina Smart IoT & Wi-Fi® standard IEEE 802.11 for connectivity to the home router) to ensure easy installation and versatility. Installation is optimized, as devices communicate directly with one another and **each device can serve as the system's potential gateway**. Configuration is simplified: the app guides the user step by step. Maintenance is smart: each device can be monitored and updated remotely. Control is immediate thanks to Wi-Fi direct mode, which allows **the system to be activated even without a router or Internet connection**.

AVE offers a complete range of IoT devices, including 2- and 3-module Multi Touch controls, multifunction control with Wi-Fi dimmer, switches, diverters, step relays, and smart sockets, as well as DIN rail devices such as the single-phase IoT load controller and the IoT relay for load monitoring. A distinctive feature of the connected controls is the dual control mode: a short press activates the local load, while a long press triggers a scene. Each device can call up one of the 16 available scenes and be linked to the others to create IoT scenarios that can also be activated and recalled via the Ave Cloud app or the Wi-Fi touch screens of AVE's video intercom ranges. The system doesn't require additional scene modules, as the diverter itself performs this function. AVE connected devices also allow for easy and intuitive monitoring of household energy consumption and, thanks to the **load control feature**, users can manage anti-blackout functions and optimize the use of self-produced energy from their photovoltaic system. For intelligent temperature management, there is also the iconic **Wi-Fi thermostat with rotary knob** and color display - an elegant product designed to ensure comfort, ease of use, and smart functionality.

The **AVE connected range** marks an important step forward in the development of **IoT systems**. It's ideal for implementing smart features in **traditional electrical systems** and for completing professional **home automation systems**. Integration with **AVE anti-intrusion central units** equipped with Web Server is also possible. A solution in line with market expectations - ever closer to the smart needs of people.

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