Addressable System

# CAD-201
# CAD-201-PLUS

## Addressables Control Panel
## VESTA Series

## Description

The new CAD-201 addressable control panel from the VESTA series offers the benefits of simple and flexible programming, along with advanced features such as remote connectivity and a 7-inch touchscreen.

VESTA provides the ideal solution for fire detection, as it is flexible enough to meet the requirements of any installation size and adapt to new designs quickly and easily.

VESTA is the result of the experience, feedback, and suggestions from our customers, installers, end users, engineering firms, and fire departments in various countries. VESTA combines technological and conceptual innovation in its design and user interface, making the installation, commissioning, and maintenance of the fire detection system easier than ever.

The CAD-201 control panel, in addition to the extensive features of the VESTA series, incorporates new features such as LOOP+ and POWER LINK, available only in DETNOV's new-generation equipment. All of this combines to offer a high-tech product with enhanced diagnostic capabilities, increased loop and system power, and efficient data management—without compromising ease of use.

The new generation of VESTA control panels represents the latest generation of fire detection control panels with the following features:

**Attractive and elegant design**

With a 7-inch high-resolution color touchscreen and an intuitive menu-based interface, VESTA is exceptionally easy to use; you can quickly access detailed information, view reports, and perform a wide variety of operations directly from the screen.

**High performance**

Inside the control panel, we have incorporated state-of-the-art processors with the latest technological advancements, enabling faster, smarter processing and extensive control capabilities. All necessary configurations for the installation can be performed, allowing for the programming of control sequences between input and output devices across areas, zones, points, or groups.

**Highly scalable**

Its incredible scalability allows for effortless expansion; the fire control panel can incorporate 2 to 8 loops using the 2-loop microprocessor card (TBUD-NG).

**Floor Plan Management**

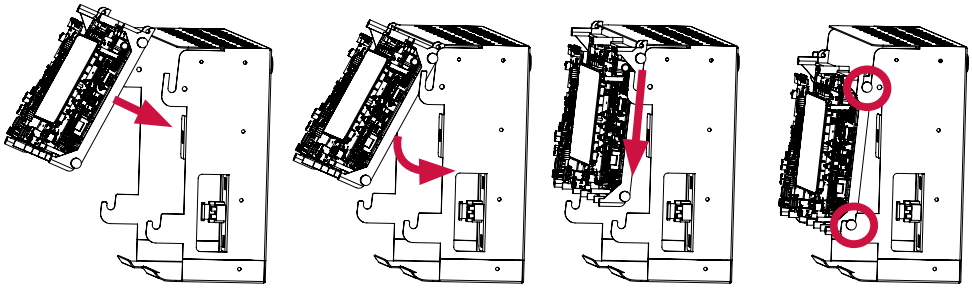
It allows for the integration of maps for a more visual and intuitive management of the installation. With this functionality, floor plans of the protected areas can be uploaded, facilitating the rapid location of events or alarms. This not only improves the overall understanding of the system but also streamlines decision-making by providing a clear graphical representation of each monitored sector.

The T-Network of VESTA series control panels allows the system to be expanded to a total of 64 nodes, capable of controlling over 512,000 devices depending on the composition and type of control panels in the network. This capacity provides great flexibility and scalability, allowing the system to be scaled as your facility's needs change and grow—it can grow alongside them.

**Easy installation and maintenance**

The CAD-201 control units are available in a dual, very compact format; despite their compact size, the PLUS version accommodates two batteries of up to 24Ah. The mechanical design consists of three components: a cabinet bracket, an electronics tray, and a cover. This design allows installation tasks to be performed without damaging the control electronics. The mechanism is also designed to facilitate battery connection or replacement tasks thanks to the hinged mounting system developed by Detnov.

It features an Ethernet port on the control panel's motherboard, which opens up a wide range of possibilities; one of the most notable is remote programming, which can save on travel costs for commissioning and maintenance personnel.



**Open integration for all systems**

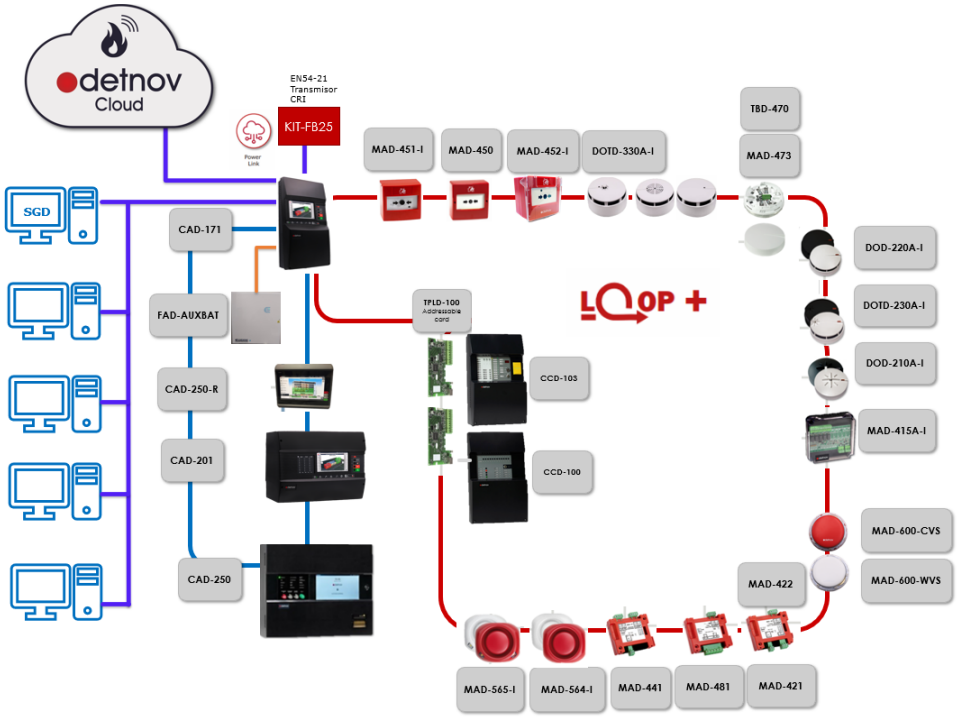
We offer open protocols to enable integration with other systems and devices, allowing interaction with other systems installed in buildings (HVAC, security, lighting, etc.); for this purpose, it features a native multipurpose Ethernet port.

## Features

- 7-inch color touchscreen
- USB port for programming
- 2,000 programmable zones
- 250 network areas
- 1,000 groups
- 1,000 virtual modules
- 2,500 special modes
- 100,000 control lines
- Historical log of 1,000,000 events
- Maximum of 250 devices per loop
- Graphical layout management
- Native multipurpose Ethernet port
- EN 54-2 and EN 54-4 certified
- Modbus IP
- Transmission to ARC with the KIT-FB-25
- Compatible with SGD-151 graphical software
- Detnov Cloud service

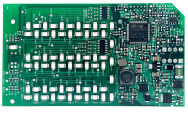
# Technical Specifications

| | |
|---|---|
| **Central** | |
| Main power supply voltage: | 110 V - 230 V ~ (AC), 50/60 Hz, 3A/115VAC 1.7A/230VAC |
| Internal power supply: | 150 W |
| Charger: | 2.6 A temperature-compensated |
| Standby power consumption: | 260 mA to 620 mA depending on the number of loops |
| Battery capacity: | |
| CAD-201 | 2 x Minimum 2x17Ah – 12 VDC |
| CAD-201-PLUS | 2 x Maximum 2 x 26 Ah – 12 Vdc |
| Loops: | |
| Maximum number of loops: | 2 loops, expandable to 8 loops using the TBUD-NG card |
| Maximum number of cells: | 500 expandable to 2.000 using the TBUD-NG card |
| Maximum load: | 750 mA |
| Maximum loop length: | 2 km |
| Maximum cable strength: | 44 Ω |
| Maximum cable capacity: | 500 nF/km |
| Network | T-Network. Integrated. Up to 64 nodes |
| Siren outputs: | 2 |
| Maximum load: | 500 mA per output |
| Delay settings: | Via software |
| Voltage-free relay outputs: | 10 A at 30 VDC |
| 24V auxiliary output: | 24 VDC 500 mA |
| Connectivity: | RJ45 Ethernet port |
| Programming: | USB-B or RJ45 |
| Serial ports: | 1 RS485 to CRI transmitter |
| **Environment:** | |
| Operating temperature: | From -5°C to 40°C |
| Relative humidity: | 95% non-condensing |
| IP rating: | IP30 |
| **Physical characteristics:** | |
| Dimensions: | |
| CAD-201 | 423 mm x 310 mm x 151 mm |
| CAD-201-PLUS | 423 mm x 310 mm x 201 mm |
| Weight | |
| CAD-201 | 5.15 kg without batteries |
| CAD-201-PLUS | 6.07 kg without batteries |
| Material | 1.2mm thick galvanized and painted sheet metal with ABS V0 cover |
| Color | Black |
| **Certification:** | |
| EN 54-2, EN 54-4 | |
| Certificate No.: | 0370-CPR-7602 |



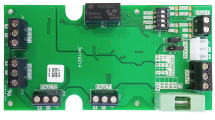

## Accessories

TBUD-NG



TLED-NG

KIT-FB25



FAD-AUXBAT