AVS electronics



CONTROL YOUR HOME WITH THE NEW TOUCHSCREEN KEYPADS

Touchscreen keypads with capacitive technology

- Android 13
- Quad core Cortex A55
- RJ45 with POE
- WiFi
- Bluetooth 5.2
- Near Field Communication
- RS485 Connection

T8⁺ & T10

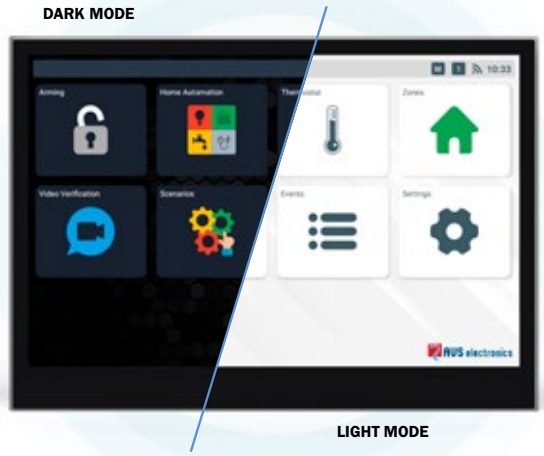
Latest generation keypads with capacitive Touchscreen

The new AVS touchscreen keypads, available in **8” and 10” screen sizes**. With the **latest generation capacitive technology**, they can be used to **manage AVS multifunctional control panels**.

T8⁺ and T10 allow the management of all **Intrusion Detection**, **Video Alarm Verification**, **Video Intercom** on SIP protocol, **Intercom function** and **Live view** of cameras connected to the network. A section dedicated to Smart Home Automation allows the total management of the home, such as **control of lights**, **motorized controls**, **irrigation** or **electrical loads control** to optimize electrical consumption.

The keypads **communicate with the control panels** through the proprietary My AVS Alarm Cloud, via TCP-IP protocol, in LAN network, Wi-Fi.

The RS485 BUS line ensures system management even in the absence of an internet network, guaranteeing essential functions.



Interface

Simple and intuitive graphic interface
It reflects MyAVSAlarm mobile application, offering the end user the same experience in managing the system.

Full temperature control
The ‘Thermostat’ menu allows the user to control the room temperature, automating the control devices of the boiler, air conditioning and ventilation, thus improving room comfort.

Light or dark mode
The user has the possibility of setting on the keypad the white or black skin, to adapt to different contexts.



Installation

On wall and on junction boxes
The keypad is designed for mounting on DIN 503 boxes or round boxes with 60 mm pitch.

The spacer, available as an optional accessory, allows wall installation with three different sizes/depths.

Power supply
The keypads can be powered either in 12-24 Vdc or in POE (Power over Ethernet).



T8+



T10

FUNCTIONS	BASIC	PREMIUM*
Screensaver with photo album display	✓	✓
Zone management with total and partial ON and display of associated zone status	✓	✓
Zone management with inclusion and exclusion and status display	✓	✓
Home automation with management of associated home automation devices	✓	✓
Control and management of electrical loads (with MD modules) and statistical analysis of daily consumption	✓	✓
Thermostat function with setting of weekly time slots	✓	✓
Event memory consultation	✓	✓
Consultation of system diagnostics	✓	✓
Home page customization with display settings (Light or Dark) and customizable home page icons	✓	✓
Display of real-time images from surveillance cameras paired with ONVIF, MJPEG, RTSP or from integrated video surveillance systems**	✓	✓
Interactive graphic maps with zone recall and system management buttons	✓	✓
Local intercom between networked touch keypads	✓	✓
Emergency keypad emulation if connected via RS485 Bus	✓	✓
Remote intercom function between touch keypads and mobile devices via MyAVSAlarm App	✓	✓
Video door phone function with outdoor/indoor video door phone stations connected with SIP protocol	–	✓
Remote video door phone function with MyAVSAlarm App	–	✓
Local and remote video answering machine via MyAVSAlarm App	–	✓

*Premium subscription required | **check compatibility list

TECHNICAL DATA	Keypad Touchscreen 8” Code 1111148	Keypad Touchscreen 10” Code 1111143
Dimensions (mm)	200 x 124,6 x 37,7	240,4 x 173 x 33
Touch panel	Capacitive 8”	Capacitive 10”
Frame material	ABS	Metal
System	Android 13	Android 11
Resolution	800 x 1280	1280 x 800
Power supply	12V - 24V DC Input	12V - 24V DC Input
POE (Power Over Ethernet)	✓	✓
Consumption	450 mA	500 mA
Available connections	ETH - WiFi - Bluetooth - RS 485	ETH - WiFi - Bluetooth - RS 485
Front NFC	✓	-
Temperature and humidity probe	✓	-
Operating Temperature	0°C ÷ 60°C	0°C ÷ 60°C
Speaker/Microphone	✓	✓
Wall fixing	Inwall mounting with 503 junction box or International formats (60 mm)	
Accessory	Wall mounting spacer (optional) with 3 different sizes (41-33-25 mm)	
	Preformed hole for 16-20 mm pipes	
NETWORKING		
Wi-Fi	2.4G 802.11b/g/n	2.4G 802.11b/g/n
Ethernet / POE	RJ 45 - 10Mb/100Mb - POE	RJ 45 - 10Mb/100Mb - POE
Bluetooth	5.2	5.2
BUS RS485	AVS BUS connection	AVS BUS connection

Functionalities

The new touchscreen keypads with capacitive technology are able to manage various functions, making your environments even safer and smarter.

- Burglar Alarm
- Video Verification
- Live view camera
- Video Intercom
- Home automation
- Electrical consumption monitoring
- Thermostat Function
- Near Field Communication

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T8+ | T10

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MADE IN ITALY

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