

MADE TO PROTECT

Satel®

SECURITY
FUNCTIONALITY
CONVENIENCE



Touchscreen keypads
INT-TSH / INT-TSG



Touchscreen keypads INT-TSH / INT-TSG

- intuitive graphical user interface for easy system management
- simple daily operation of system combining security and automation functions
- compatible with INTEGRA and VERSA alarm control panel
- visual and functional personalization of status screen
- can be used in photo-frame mode
- enclosure in three color versions to match your keypad ideally to interior design



INT-TSH



INT-TSG



7"

4,3"



Touchscreen keypads

INT-TSH INT-TSG

The main task of the alarm system is to provide security while improving comfort and standard of living for its users. Functionality of the alarm system should meet their expectations and needs, either existing at present or likely to arise in the future. But what is expected from devices which are to control such a system? Intuitive operation, modern look with personalization capability, as well as speed and reliability of operation. You can have all that and much more by including the INT-TSH and INT-TSG touchscreen keypads into your system.

Application

Both keypads are dedicated to operating the alarm system based on VERSA or INTEGRA family control panels, which allows you to create an installation including home automation components. The INT-TSH and INT-TSG provide easy control regardless of the size of protected building and sophistication of the system itself, greatly improving its daily operation in homes and apartments, as well as in office buildings and establishments.

Rich functionality

The keypads provide the means not only for simple security management and quick call for help, but also for convenient control of building automation components, including indoor and outdoor lighting, heating, air conditioning, operation of roller shutters or sprinklers. Moreover, the MACRO commands allow you to run a sequence of such tasks by tapping just one dedicated icon on the control panel.

Convenient operation

An intuitive graphical user interface is used in both keypads. It is based on a set of specially designed icons that allow the user, for example, quick access to control individual elements of the system, and also to check information on the system status. Capacitive touch screens of the INT-TSH and INT-TSG keypads guarantee perfect readability of the viewed items. This combination ensures trouble-free operation of the entire system – even when it is used by children and the elderly.

Perfect matching

The keypads come with enclosure in three colors: white, steel and black. As a result, these devices themselves can constitute an additional decorative element, matching both modern and more traditional interiors. For even more complete visual personalization of the keypad, you can choose a wallpaper and run the photo frame function, or slideshow.

Daily operation of the smart alarm system using the touchscreen keypad is very simple and pleasant. The intuitive graphical user interface allows you to easily enjoy rich functionality of the device.

The icons on keypad home screen serve different purposes. Some provide quick access to the most needed and most frequently used system functions such as arming and disarming, as well as viewing events and troubles. Others are there to take you to additional screens, from which you can, for example, quickly call for help or run MACRO commands. These icons also allow you to check the system status and make use of advanced functions, including update of keypad firmware.

Whenever it is necessary to authorize an operation using a code, a **full-screen numeric keypad** appears instead of icons to enter the code. Additionally, the so-called **terminal mode** is also available, in which operation of the traditional keypad is simulated for the given panel.

The users who prefer the **screen appearance in verbose mode** can switch to it in a very simple way. It takes just one tap on the dedicated icon in the top right corner of the screen.



Icon indicating the user login / logout

Tap the icon to go to the menu which allows you to clear the alarm and disarm the system. This screen is displayed when an alarm occurs and when at least one partition is armed.

Tap the icon to switch between verbose and graphical display mode

Tap on the icon to go to the menu which allows you to arm the system. There are four arming modes available to enable the system functionality to be perfectly adjusted to meet the needs of the users.

Tap the icon to go to the menu which allows you to use the MACRO function, that is, to quickly and easily run even the most complex and extensive sequences of commands for automation. It is possible to define up to four groups, each of which can contain up to 16 commands. Execution of the MACRO commands is only possible in systems based on INTEGRA and INTEGRA Plus family of control panels.

Tap on the icon to go to the menu which allows you to check the status of partitions in the system, as well as the status of devices connected to the control panel, such as detectors. Also available is viewing the logs of recent events and troubles, as well as switching to the screens that display history of alarms and troubles.

Tap on the icon to go to the menu which allows you to use the advanced functions, such as updating the keypad firmware and formatting the microSD card. From here it is possible to launch the so-called traditional terminal mode, as well as to adjust the backlight and volume and also to lock the touch screen for 30 seconds, so that it can be comfortably cleaned.

Tap on the icon to go to the menu which allows you to quickly trigger the FIRE, AUX, PANIC alarms. If necessary, or in an emergency, just select the icon symbolizing the given type of threat in order to obtain the necessary help, e.g. From security agency, emergency medical services or fire department.

INTUITIVE GRAPHICAL USER INTERFACE OF ALARM SYSTEM WITH AUTOMATION COMPONENTS



Functionality

	INT-TSH	INT-TSG
Home automation control	✓	✓
Graphical user interface	✓	✓
Ability to trigger FIRE, AUX, PANIC alarms	✓	✓
Photo frame function	✓	✓
Ability to select graphic or verbose screen mode	✓	✓
Ability to define information displayed in status screen mode and to set background (wallpaper)	✓	✓
Ability to adjust intensity of screen backlight	✓	✓
Ability to adjust sound volume level	✓	✓

Additional special functions

	INT-TSH		INT-TSG	
	INTEGRA INTEGRA Plus	VERSA VRESA Plus VERSA IP	INTEGRA INTEGRA Plus	VERSA VRESA Plus VERSA IP
MACRO function	✓	—	✓	—
Support for 2 programmable hardwired zones	✓	—	✓	—
Support for 3EOL configuration	✓*	—	✓*	—

* only INTEGRA Plus

Visual features

	INT-TSH	INT-TSG
Information on current system status indicated by icons displayed on the screen / backlit icons in device enclosure	✓/—	—/✓
Screen size 4.3"	—	✓
Screen size 7"	✓	—
Enclosure colors: white, steel and black	✓	✓



Satel®

Budowlanych 66, 80-298 Gdansk, Poland
tel. +48 58 320 94 00; fax +48 58 320 94 01
e-mail: trade@satel.pl

www.satel.eu

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MORE THAN 25 YEARS OF EXPERIENCE

Professional protection of each type of premises, as well as people staying therein, through advanced, yet functional and cost-effective solutions – these few words may serve as the shortest description of the mission of SATEL, a manufacturer of security systems with involvement of 100% Polish capital. Due to integrity in business and a special emphasis on high quality and a wide range of products offered, the SATEL brand has been highly appreciated in the industry for over 25 years.

This philosophy of management and hard work of more than 300 SATEL's employees produce tangible results. The wide range of over 400 offered products provides countless opportunities to create security, home automation, fire alarm, access control and monitoring systems, tailored to the individual needs of each user. At the same time, these systems meet all requirements prescribed by Polish and international regulations and industry standards.

Bringing the functionality of devices into line with current requirements and expectations of the market with the use of the latest technologies is one of the main objectives of SATEL. For this reason the design and production departments of the Company are continuously being modernized and expanded. A natural consequence of all actions aimed at the production of top-quality devices was the introduction of the quality management system conforming to ISO 9001 in 2002. Regardless of this certification, SATEL also carries out a full functional test of all products leaving the production line, thus ensuring reliability of the manufactured devices. Focusing on modern design and attaching importance to the highest levels of quality and functionality of its products, SATEL has gained many satisfied customers not only in Poland but also in more than 50 markets worldwide.