INT-TSH2R-W

The **INT–TSH2R** keypad is dedicated for operating and programming the **INTEGRA**, **INTEGRA Plus**, **VERSA** and **PERFECTA 64 M** control panels. It is an ideal solution for users seeking easy daily operation of the alarm system and building automation elements, including the **KNX** system. The combination of large size and universal design makes the device perfectly suited to both modern and traditional interiors.

Features:

- 7" capacitive glass touchscreen with swipe gestures support
  - 1024x600 screen resolution, 16.7 million colours (true colour)
- multi–level user customisable graphic interface
  - up to 24 user screens
- customisable and adaptable interface screens
- more than 20 preset graphic themes
- custom themes support
- widgets for keypad operation, control of the alarm system and automation devices connected to the control panel
- system control via MACRO functions, which activate an entire chain of different commands (including building automation commands)
- quick activation of PANIC, FIRE, AND MEDICAL alarms
- integration with the **INTEGRA** (INTEGRA Firmware 1.20 or higher), **VERSA** (VERSA Firmware 1.10 or higher) and **PERFECTA 64 M** control panels
- screensaver with options to display clock, date, system component statuses (zones, doors, exits), and temperatures (**INTEGRA**, **INTEGRA Plus**, **PERFECTA 64 M**)
- option to display a slideshow (photo frame function)
- current system status notifications displayed on the taskbar
- built–in MIFARE® proximity card reader (13.56 MHz) (supported by **INTEGRA** and **INTEGRA Plus** control panels only):
  - Ultralight CSN/SSN
  - Classic CSN/SSN/MSN
  - DESFire (EV1 / EV2 / EV3) CSN/MSN
- 2 programmable hardwired zones (**INTEGRA** and **INTEGRA Plus** only)
  - support for NO and NC type detectors, as well as roller shutter and vibration detectors;
  - support for EOL, 2EOL and 3EOL configuration (3EOL in with the **INTEGRA Plus** only);
  - programming of end–of–line resistor values
- built–in speaker for acoustic signalling
- adjustment of acoustic signalling volume
- adjustable screen brightness with day/night mode
- built–in microSD memory card slot (for storing photo frame pictures, additional screen wallpapers and custom sounds for audible signals of zone violations – chimes)
- tamper contact responding to the enclosure opening or detaching from the wall
- available in white (**INT–TSH2R–W**) and black (**INT–TSH2R–B**) enclosure

Supply voltage	12 V DC ±15% V DC
Operating temperature range	-10°C...+55°C
Standby mode current consumption	350 mA
Max. current consumption	475 mA
Weight	386 g
Maximum humidity	93±3%
Environmental class according to EN50130-5	II
Security grade according to EN 50131	Grade 3
Supported memory cards	microSD, micro SDHC
Enclosure dimensions (width x height x thickness)	196 x 129 x 22 mm
Reader operating frequency	13,553...13,567 MHz
Reading range for the MC-DF3-2 encrypted card	up to 40 mm

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.