

# INT-TSI-W

## TOUCHSCREEN KEYPAD

The **INT-TSI** keypad is a real command center for a smart alarm system. As its interface can be customized to individual user's needs, it provides a perfect solution both for people expecting ease of operation and for advanced users who make use of the extended system functionality.

- capacitive glass touchscreen with 7" LCD
- graphic operating interface, customizable to individual user's needs
- an option to choose from a few graphics design
- MACRO functionality to implement a sequence of actions using a single button
- capability of viewing images from IP cameras (MJPEG via HTTP and in v1.04: MPEG-4, H.264 via RTSP)
- "Intercom" widget – video intercom functionality; cooperation with door stations supporting the SIP protocol
- an additional keypad can be connected via Ethernet to each keypad connected to the bus – which makes it possible to double the number of keypads in the system
- MQTT support – the keypad can operate as both an MQTT server and client
- extended KNX IP integration and HTTP communication support
- standalone operation – without connection to an alarm control panel
- wide range of dedicated widgets for various functions, including weather widget to which forecast is downloaded from the [openweathermap.org](https://openweathermap.org) service
- scalability of the widget size
- capability to present the system state in the screensaver mode
- photo frame function
- capability of saving the user interface configuration directly from **TSI Builder** program to keypad over Ethernet
- available in white (**INT-TSI-W**) and black (**INT-TSI-B**)



The operation of the "Intercom" widget in the INT-TSI keypad working with door stations supporting the SIP protocol was checked on various test sets. The best results were obtained with the following door station models:

- 2N IP Solo – firmware version 2.44.1.57.4
- 2N IP Force – firmware version 2.44.0.57.3
- 2N IP One – firmware version 2.44.0.57.3
- 2N IP Style – firmware version 2.44.0.57.3
- 2N IP Base – firmware version 2.40.0.53.4
- 2N IP Verso – firmware version 2.41.0.54.3
- Akuvox R20A – firmware version 320.30.3.125
- Akuvox R20BX2 – firmware version 220.30.3.7
- Akuvox R20K – firmware version 220.30.1.102
- Kenik KG-S21KRB-N – firmware version 280D.46.1.0.5\_B\_20240909
- Kenik KG-S21R – firmware version 280D.46.1.0.5\_B\_20240909
- Kenik KG-S11R – firmware version 170SD.46.1.1.34\_B\_20240621
- Kenik KG-S30KRD-P – firmware version 280D.46.1.0.5\_B\_20240909

**TECHNICAL DATA**

Supply voltage	12 V DC
Operating temperature range	-10°C...+55°C
Standby mode current consumption	500 mA
Max. current consumption	620 mA
Weight	430 g
Maximum humidity	93±3%
Environmental class according to EN50130-5	II
Supported memory cards	microSD, micro SDHC
Enclosure dimensions (width x height x thickness)	196 x 129 x 22 mm