

10" & 7"

Interra Touch Panel



Product Code	ITR110-0104, ITR107-0104
Power Supply	12 V DC Power Supply
Current	10" : ≈ 1 A, 7" : ≈ 800 mA
Power Consumption	10" : ≈ 36 W, 7" : ≈ 24 W
CPU	ARM Cortex A7 Dual-Core 2 x 1.2 GHz
Memory	1 GB DDR3
Storage	8 GB EMMC
OS	Android
Temperature Range	Operation (-20°C...70°C) Storage (-35°C...100°C)
Type of Protection	IP 20
USB	1 x USB2.0
KNX	1 x KNX Connector
Display	HDMI 1.3 up to 1920 x1080p @ 60 Hz
Button	Reset button
Network	100Mbps Ethernet and USB WIFI
RTC	System includes RTC with CR1220 battery
GPIO	3pcs relayed Output (5A), 3pcs input connectors.
Dimensions	10" : 345 x 232 x 36 mm (W x H x D) 7" : 260 x 167 x 36 mm (W x H x D)
Certification	KNX Certified
Configuration	With Interra Configurator Software

DESCRIPTION

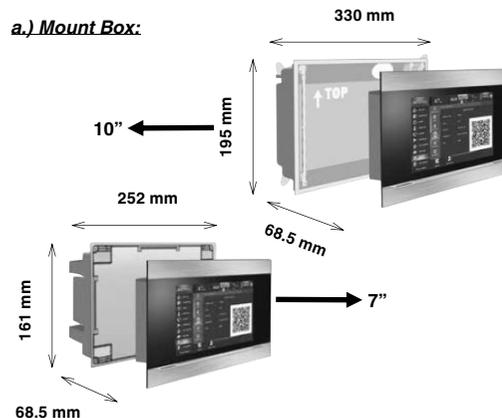
Interra touch panels are designed to control the entire automation system from a single smart point. Interra touch panels can control complex systems such as switches, simple sensors, lighting, heating systems, camera and alarm systems from a central point. Mobile control can be done by downloading Interra Pro software from online software markets related to IOS or Android-based devices. Also, The configuration software (Interra Configurator) can be downloaded from our website (www.interratechnology.com) for the Interra touch panel configuration.

MAIN FUNCTIONAL CHARACTERISTICS

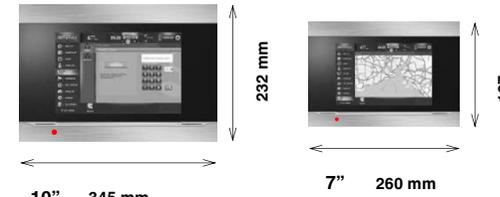
- The automation system via EIO (Ethernet Input / Output) and KNX can be controlled with Interra Touch Panel.
- Via the touch panel's timer feature, desired operations can be made according to daily, weekly, monthly, annual or determined schedules.
- Security systems can be controlled via mobile and panel applications and also available cameras can be displayed with the Interra touch panel.
- The desired number of logic operations can be made with the Interra touch panel.
- Push notifications to mobile applications are immediately sent in notification via Google and Apple Cloud.
- All IOT compatible devices can be controlled using Interra touch panel.
- With the Interra touch panel, the house can be controlled via voice command assistants such as Siri.

DIMENSIONS

a.) Mount Box:



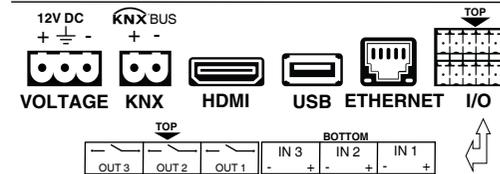
b.) Device



10" 345 mm

• : There is a reset button under the magnetic bottom frame. If panel needs to reset, panel can reset with this button.

CONNECTIONS



Voltage : Interra touch panels are powered by a special 3-pin green industrial special connector with 12V DC voltage. Pin indications are written on the plastic case. The cables of the 12V power supply must be plugged by the polarity.

KNX : Interra touch panels have a two-pin green coloured KNX connector. This connector has pin indications on the plastic box. KNX cables must be plugged into this connector with the correct polarity.

HDMI : For different application purposes, Interra touch panels have an HDMI connector. Its output is configurable via special software.

USB : Interra touch panels have a USB host connector on the side panel. This connection extends its storage capacity. Also, this connector can be used for Wi-Fi connection via USB dongle.

Ethernet : Interra touch panels have a standard 10/100Mbps RJ45 Ethernet connector.

I/O : Interra touch panels have 3 inputs and 3 outputs connector. Both inputs and outputs are optocoupled. Outputs are connected to ~250 V - 5 A relays.

SAFETY INSTRUCTIONS

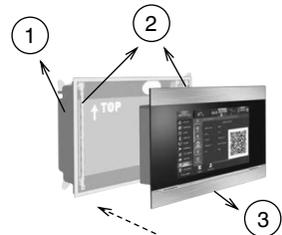
- The device may only be installed and put into operation by a qualified electrician or authorized personnel.
- For planning and construction of electric installations, the appropriate specifications, guidelines and regulations in force of the respective country have to comply.
- Do not connect the main voltage (230 VAC) or any other external voltages to any point of the KNX bus.
- Connecting an external voltage might put the KNX system at risk. Please, do not forget to consider this issue.
- Ensure that there is enough insulation between the 230 V AC voltage cables and the KNX bus.
- Screwing torque value should be maximum 1.2 nm during mounting process of mount case and touch panel.
- Do not use aerosol sprays, solvents or abrasives that might damage the device.
- Accessibility of the device for operation and visual inspection must be provided.

MOUNTING

I. First, a slot should be opened on the wall where the touch panel will be used, in suitable sizes for the mounting case.

II. Then, number 1 the panel mounting case is mounted to the previously opened slot so that it is on a level parallel to the ground and the arrow mark on the frame must point upwards.

III. After, 2 long metal laths numbered 2 are screwed onto the mounting box. Installation of metal bar laths should be done carefully, mounting should be done at appropriate torque in order not to bend the laths.



IV. Finally, the touch panel is placed in the mounting box by moving in the direction of the dashed arrow. Then it is screwed to the mounting frame through the screw slots on the 4 corners of the panel. Magnetic materialised lath with 2 horizontal holes on it should be attached to the lower part of the panel and the other one is attached to the upper part of the panel and the mounting process is completed.

