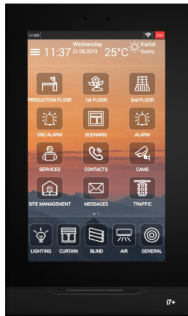


i7+ Touch Panel



Product Code	ITR165-0002
Power Supply	12 V - 2 A DC Power Supply
CPU	ARM Cortex A7 Dual-Core 2x1.2 GHz
Memory	1 GB DDR3
Storage	8 GB EMMC
OS	Android
USB	1 x USB2.0
KNX	1 x KNX Connector
Sensors	1 x Temperature Sensor
Display	7" LCD, HDMI 1.3 up to 1920 x 1080p @60 Hz
Network	100 Mbps Ethernet and USB WIFI
RTC	System includes RTC with CR1220 battery
GPIO	3pcs relayed Output (5 A), 3pcs input connectors.
Temperature Range	Operation (0°C...45°C) Storage (-15°C...70°C)
Dimensions	i7+ Panel : 170 x 65 x 90 mm (W x H x D) Mounting Box : 116 x 201 x 65 mm (W x H x D)
Certification	KNX Certified
Configuration	With Interra Configurator Software

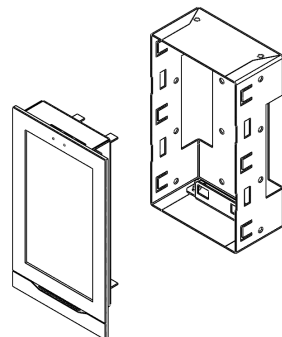
DESCRIPTION

Interra i7+ touch panel is designed to control the entire automation system from a single smart point. Interra i7+ can control complex systems such as switches, simple sensors, lighting, camera systems and alarm systems from a central point. Moreover, i7+ can also control the air conditioning systems with 2-point mode by thermostat functionality. 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 i7+ touch panel configuration.

MAIN FUNCTIONAL CHARACTERISTICS

- The automation system via EIO (Ethernet Input / Output) and KNX can be controlled with i7+ touch panel.
- Via i7+ 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 i7+.
- Air conditioning systems can be controlled by thermostat function. 2-point on/off control can be made according to configured hysteresis with an internal sensor or external source.
- The desired number of logic operations can be made with i7+.
- Push notifications to mobile applications are immediately sent in the event of notification via Google and Apple Cloud.
- All IOT compatible devices can be controlled using i7+.
- With i7+, the house can be controlled via voice command assistants such as Siri.

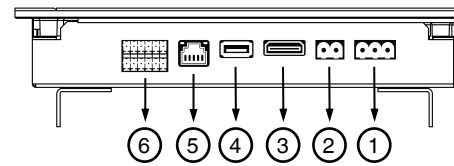
MOUNTING



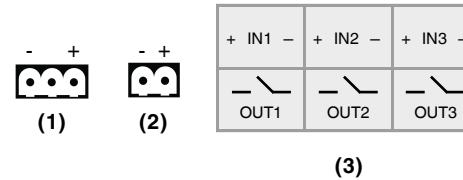
First, the mounting box must be attached to a suitable place on the wall. The long side of the mounting box should be placed at a right angle to the ground.

Then i7+ is attached to the mounting box as shown in the left figure and the mounting process is completed.

CONNECTIONS



Polarization:

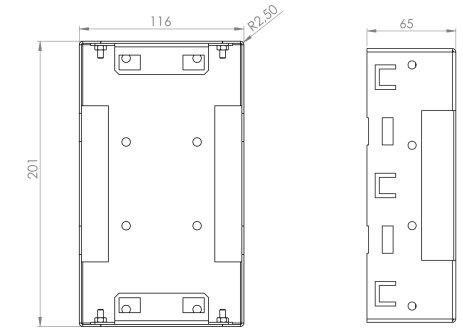


- 1- Voltage:** Interra i7+ is powered by a 12 V - 2 A DC power supply. This power supply has a special green-coloured 3 pin connector which is a terminal block in industrial grade. Pin indications are written on the case.
- 2- KNX:** Interra i7+ has a two-pin green coloured KNX connector. This connector has pin indications on the plastic box. Additionally, i7+ has a certified KNX circuit.
- 3- HDMI:** For different application purposes, i7+ has an HDMI connector. Its output is configurable via special software.
- 4- USB:** i7+ has a USB host connector on the side panel. This connection extends its storage capacity to almost infinity. Also, this connector can be used for Wi-Fi connection via USB dongle.
- 5- Ethernet:** i7+ has a standard 10/100 Mbps RJ45 Ethernet connector.
- 6- I/O:** i7+ has 3 inputs and 3 outputs connector. Both inputs and outputs are optocoupled. Outputs are connected to 12 V - 5 A relays.

DIMENSIONS

The dimensions of the mounting box and device i7+ are shown below. All dimensions stated are in millimetres.

Mounting Box:



i7+ Touch:

