

Honeywell

Product instruction manual

KNX 10.1-inch Touchscreen

KNX TS10 V2 BLK

KNX TS10 V2 WHI

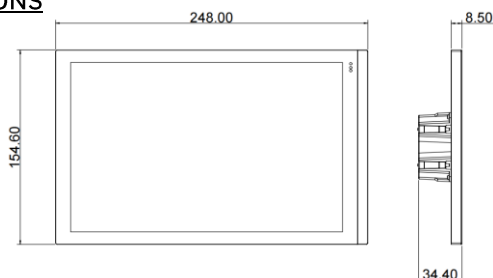
CHARACTERISTICS

- 10.1-inch color MIPI touch screen, with high resolution 1280 × 800
- 4 microphones and dual speakers
- Dual network ports, ETH0 is used for video intercom and supports standard 48V PoE power supply; ETH1 is used for external network
- 8-channel dry contact inputs
- Supports Wi-Fi, Bluetooth, and Ethernet
- Homepage function available, with 3 device control mode including device view, area view and area plan view
- 240 KNX channels, with basic control functions including switch, dimming, blinds, value sender, color temperature, color control (RGB, RGBW, RGBCW), audio control, room temperature control, Air conditioner, Ventilation System control, Air quality and Energy Metering display, etc.
- Support KNX gateway function, realize App remote control function
- 16 Schedules, 8 Scene Group functions, 8 Logic functions
- 30 KNX scene functions
- 24 Alarm functions
- Human Centric Lighting (HCL) available
- Day/Night signal and summertime automatic adjustment
- Panel locking and Screensaver
- Built-in temperature and humidity sensor, proximity sensor, brightness sensor
- Integrate with SIP intercom and cloud intercom
- Security monitoring and surveillance recording with access to IP CAM
- Voice message function and call transfer function
- Setting defense zone setup for arm and disarm functions
- OTA upgrade available
- Support the KNX Data Secure

PARAMETERS

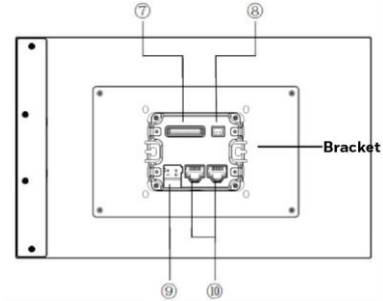
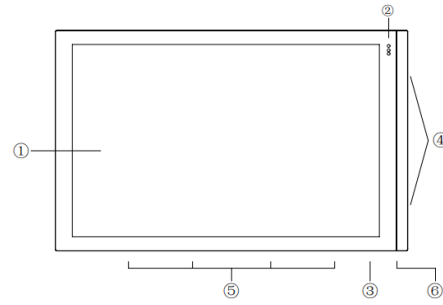
Power Supply	Bus voltage	21-30V DC, via the KNX bus
	Bus current	<3.8mA/24V, <3.4mA/30V
	Bus	<0.1W
Auxiliary Supply	Voltage	22-30V DC
	Current	<350mA/24V, <280mA/30V
	Consumptio	<8W
Connection	KNX	Bus connection terminal (Red/Black)
	Auxiliary Supply	2P Terminal (Red/Black)
	RJ45	Standard PoE Supply
RJ45	For access to the intercom system or connect Ethernet	
Operation and display	Push button	Reset Button
Proximity sensor	Normal:30cm	Enhanced:60cm
Temperature sensor	-40-80°C	
Humidity sensor	0-100%	
Temperature	Operation	- 5 °C ... + 45 °C
	Storage	-25 °C ... + 55 °C
	Transport	- 25 °C ... + 70 °C
Environment	Humidity	<95%, except dewing
Installation	1G BS wall box only with 2 plugs(without N-S lugs) at least 47mm inner depth or EU standard DIN 49200 2G wall box with at least 45mm inner depth	

DIMENSIONS



Model	Dimension
KNX TS10 V2	248*154.6*34.4mm

DESCRIPTIONS



- | | |
|--|-----------------------------|
| ① Touch and display area | ⑥ Reset button |
| ② Proximity sensor and brightness sensor | ⑦ Zone Interface |
| ③ Temperature sensor | ⑧ Auxiliary supply terminal |
| ④ Loudspeaker | ⑨ KNX bus terminal |
| ⑤ Microphone | ⑩ Ethernet port |

INSTALLATION FIGURE

KNX Smart Touch S10 (with hanging bracket) can be installed in 1G BS wall box which only with 2 lugs (without N-S lugs) at least 47mm inner depth (use the packed M3.5X25mm screws 2pcs, torque values for screws is 0.6~0.8 N.M (6~8Kgf.cm)) or EU standard DIN 49200 2G wall box with at least 45mm inner depth (use the packed self-tapping ST3 fix screws. Please limit the use of wirable RJ45 Plug. It requires not only KNX bus powered but also requires a 22-30V DC auxiliary power supply. It is available to assign the physical address by engineering design tools ETS with. knxprod (higher than edition ETS 5.7). Must ensure that the device operates, testing, detecting, and maintenance correctly.

It is recommended that the touch panel be installed at a height of approximately 120~140cm from the floor and at a horizontal distance of 15~20cm from the door frame. It is not permitted to install the touch panel in a place where it is in direct contact with liquids.

IMPORTANT INFORMATION

Only trained electricians are permitted to install and commission the device. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- Protect the device against moisture, dirt and damage during transport, storage and operation.

- Do not operate the device outside the specified technical data (e.g. temperature range).

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.

If the device is soiled, clean it with a dry cloth. If that is not enough, use a cloth lightly moistened with a soap solution. Caustic agents or solvents must not be used under any circumstances.

Installation Instructions

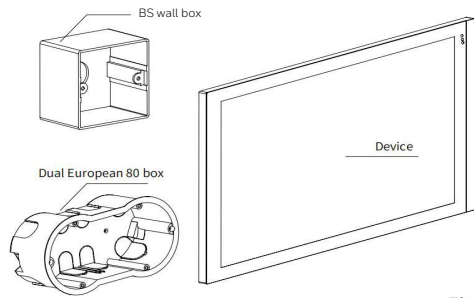


Fig. 1

1. Device installation adaptability: 1G BS wall box which only with 2 lugs (without N-S lugs) and EU standard DIN 49200 2G wall box .

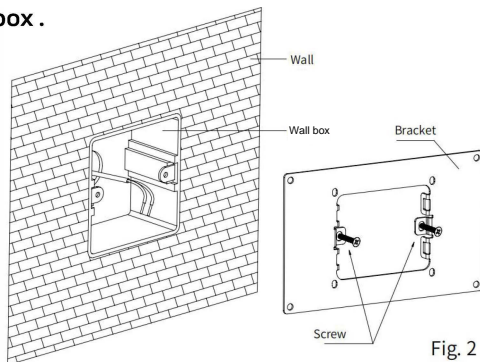


Fig. 2

2. First, remove the hanging bracket and the fixing screws of the bracket, then secure the bracket to the pre-embedded box using the screws.

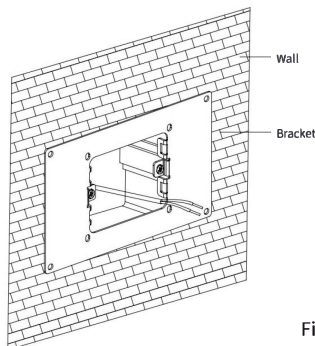


Fig. 3

3. Install the hanging bracket properly.

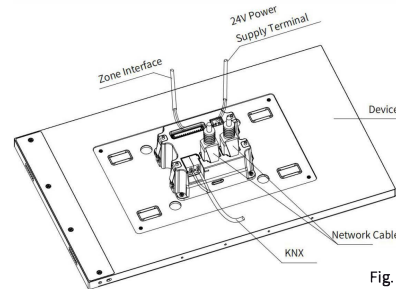


Fig. 4

4. Insert the all of the terminals with the connected wires into the device and connect the Ethernet cable to the device properly.

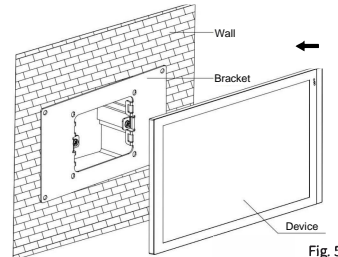


Fig. 5

5. Push the device into the securely fixed bracket until the spring clips on the device snap into the bracket's notches.

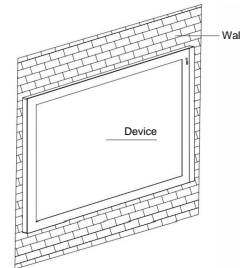
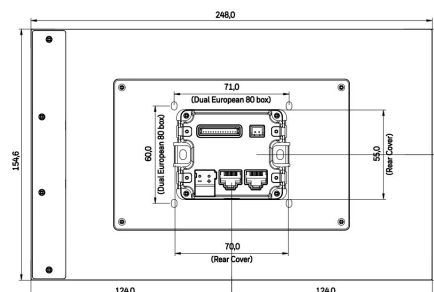


Fig. 6

6. Complete the device installation.

7. To remove the device, simply pull it.



WEEE Directive 2012/19/EC Waste Electrical and Electronic Equipment directive

At the end of the product life dispose of the packaging and product in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.

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