

TouchOne
Installation Manual

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1. Overview

The TouchOne is a High Definition, 7" Touchscreen Keypad for Bosch Solution 2000 and 3000 control panels that provides a rich user interface and extended functionality to the end user.

Generation 2 builds on the powerful foundation of the TouchOne with an all new Processor, SmartColor display system, new touch panel and improved mounting design.

2. Wiring

Using the included Wire Harness, wire the TouchOne into the control panel as per the wiring diagram. It is recommended to solder the wires to the cable from the control panel.

Notice on Power Consumption

The TouchOne consumes considerably more power than a traditional codepad due to its HD screen and internet connectivity. Only one TouchOne device can be powered by the control panel to ensure reliable performance. Up to 4 TouchOne devices can be connected to one system, however 3 of them must be powered by a separate and appropriately rated power supply.

Using a 0.5mm cable from the control panel with a run less than 15 meters is recommended for best performance.

Alarm Panel	
PWR	Red
A	Yellow
B	Green
COM	Black

3. Mounting

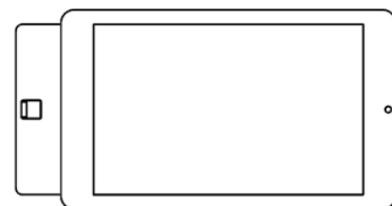
The TouchOne can be mounted in two orientations, either portrait or landscape. The Wall Mount should be screwed onto the wall first using the included 6G x 20mm pan head screws in the intended orientation. In either orientation, the circle screw hole is always on the bottom and the oval adjustment screw hole should be on top. Plug the Wire Harness into the TouchOne.

Aligning the TouchOne to the Wall Mount's hooks, it should move closer to the wall when aligned correctly. Slide the TouchOne in the opposite direction of the camera until you feel it clip. Ensure all wires are fed into the wall.

Removing

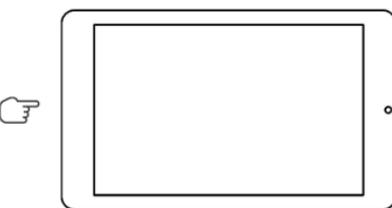
The TouchOne can be removed by pressing the clip that is located on the back at the opposite side of the camera. Using a finger or small screwdriver, push the clip towards you and slide the TouchOne in the direction of the camera.

Mounting



1. Slide ←

Removing



1. Push ↵

2. Slide →

4. Addressing

The Bosch Solution 2000 and 3000 control panel requires each codepad on the system to have a unique address between 1 and 4. When the TouchOne is powered on for the first time, it defaults to address 1. This setting is changed in the TouchOne software interface, therefore, you must ensure that any other codepad on the system is either not addressed to address 1 or disconnected until you have completed the setup wizard and have changed the TouchOne's address.

Changing the address

You can change the TouchOne address on the software interface after the initial setup wizard by touching the *Settings* button from the home screen and then the *Change Address* button.

Should the TouchOne detect there is another device on the bus that shares its address or there are communication problems, a screen will automatically appear allowing you to select another address.

5. Setup Wizard

When the TouchOne is powered on for the first time, it will display a setup wizard, allowing you to configure the device.

You can restore the TouchOne to factory defaults and complete the setup wizard again by touching the *Settings* button from the home screen, then *Installer Options* and then the *Restore to factory defaults* button. You will require the control panels installer PIN to access the Installer Options menu.

6. Internet Connectivity

During the setup wizard, you will be requested to connect the TouchOne to a local WiFi network. As the TouchOne is a security device, ensure you only connect it to a WiFi network that uses at least WPA security. **WEP security is not a suitable encryption method for this device.**

WiFi is required for the TouchOne to receive automatic updates and to download and use Apps like the Intercom App. The date and time must be correct before automatic updates and App functionality is enabled.

7. Troubleshooting

<p>The TouchOne does not turn on.</p>	<ul style="list-style-type: none"> • Ensure the PWR LED on the back of the TouchOne is illuminated, indicating the device is receiving power from the control panel. • Ensure the TouchOne is wired correctly and there is a steady 11V to 13V on the PWR and COM (Red and Black) wires (meter at the TouchOne side of the cable). • Wire the TouchOne Wire Harness directly to the panel and test. • Wire the TouchOne to another panel to test. • Ensure there is not short between the PWR and COM wires.
<p>The TouchOne does not start completely / restarts often.</p>	<ul style="list-style-type: none"> • Remove power to the control panel, remove all other devices and just connect the TouchOne. You may need to wait up to 5 minutes for the overload protection circuit to cool down. Apply power to the panel again. • If the TouchOne does start correctly when performing this test, then the total number of devices on the panel exceeds the maximum current draw and you may need an external power supply. • Reduce the screen brightness, disable WiFi and use the Sleep standby option instead of the photo slideshow.
<p>The TouchOne shows a communication failure message.</p>	<ul style="list-style-type: none"> • Check the "ALIVE" LED on the back of the device to ensure communication is stable (the LED should be flashing consistently). • Ensure the wiring is correct. • If the TouchOne is being powered by a separate power supply, the ground wire of the power supply should also connect to the ground wire of the bus.

8. Specifications

<p>Dimensions</p>	<p>192.69 mm x 115.69 mm x 13.83 mm</p>	<p>LCD</p>	<p>7" HD WXGA 1280 px x 800 px, IPS, 400 nits.</p>
<p>Maximum screw size</p>	<p>6G pan head</p>	<p>Touch Panel</p>	<p>5 point multi-touch, capacitive, GF glass touch sensor.</p>
<p>Voltage (Operating)</p>	<p>12VDC</p>	<p>SD Card</p>	<p>MicroSD (SDHC) 2GB to 32GB</p>
<p>Current</p>	<p>Normal: 400mA Peak: 800mA</p>	<p>Compatibility</p>	<p>ICP-SOL2 & ICP-SOL3 Firmware version 1.0.3+</p>

