



**SUMMIT**  
**AUTOMATION**

Bringing Doors to Life!

Summit Automation provides the best door and window automation systems in the world with exceptional Customer care.

## New Construction:

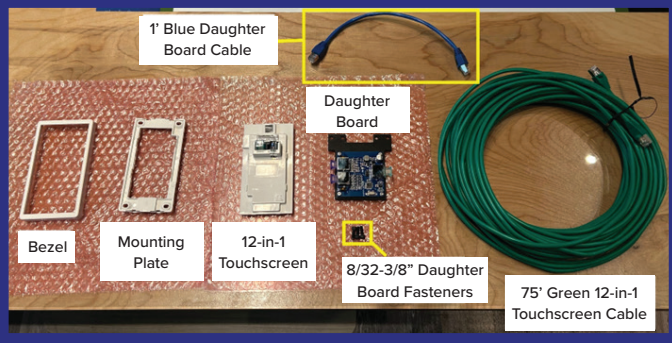
# 12-in-1 Touchscreen Installation Instructions

**General:** The 12-in-1 Touchscreen has a range of ways it can be mounted. It is designed to be easily mounted to a wall, a panel or an enclosure, or directly mounted on virtually any supportive wall or drillable flat surface. This includes plasterboard, wood, metal, plastic and even concrete. The simplistic design of the 12-in-1 Touchscreen makes installation easy and is done in two steps: Part A - Construction Phase and Part B – Final Trim Phase. When ordering the 12-in-1 Touchscreen, the kit will ship in two parts. Part A is installed prior to dry wall installation during construction, and Part B is installed after the home is completed and awaiting final occupancy certificate. NEVER install Part B during construction phase.

## Kit Contents



No Power Tools



### Part A – Construction Phase

(Pre-Drywall) Kit Contents Box: 1 of 2

- 1' Blue Cat5E Shielded Daughter Board Cable
- 75' Green Cat5e Shielded Wallswitch Cable
- Daughter Board (Circuit Board) with two 8/32-1/2" fasteners and has three (3) RJ45 ports (**TOUCHSCREEN, OUT,** and **IN**).

**(THE TOUCHSCREEN WILL NOT WORK WITHOUT THIS BOARD. IF THE TOUCHSCREEN IS CONNECTED DIRECTLY TO THE MOTOR HUB IT COULD FAIL/PERMANENTLY DAMAGE THE TOUCHSCREEN)**

- **TOUCHSCREEN** – Connect one end of the 75' green Cat5e shielded wallswitch cable to the touchscreen port on the daughter board and the other end goes into the single gang j-box where the 12-in-1 touchscreen will be located. Wrap the end of the cable inside the j-box with electrical tape to prevent debris, drywall mud, or paint from damaging the connector contacts and push the cable back into the j-box to protect it. During final trim phase – Part B, only then will you connect the cable to the back of the 12-in-1 touchscreen. **NEVER** is the touchscreen to be installed during Construction Phase.
- **OUT** – Connect the 1' blue Cat5e shielded daughter board cable from the motor HUB wallswitch port to the OUT port on the daughter board.
- **IN** – Connect the exterior wallswitch cable (sold separately – provided with the exterior wallswitch when ordered) to the IN port on the daughter board. Security can also be enabled – consult with Summit Automation on how to place an exterior wallswitch into secure mode.
- Instructions: Connect daughter board to motor assembly, run the cables per the above, and make connections

## Part B – Final Trim Phase

(Two Weeks Prior to Occupancy Certificate Receipt) Kit Contents) Box: 2 of 2

- Wall Mounting Plate
- 12-in-1 Touchscreen
- Bezel
- Instructions:
  - 1) Now that the wall surfaces around the single gang j-box are finished, place the wall mounting plate over the j-box, mark the four corners and install appropriate anchors and/or flathead fasteners to secure the wall mounting plate to the wall, allowing for the two ports on the back of the 12-in-1 wallswitch to recede within the j-box when installed. Take care to level and straighten the wall mounting plate prior to final install. NOTE: These flathead fasteners are not included in the kit.
  - 2) Unwrap the electrical tape from the end of the green Cat5e shielded wallswitch cable and connect to port that does not have tape over it on the back of the 12-in-1 wallswitch. Make sure you hear a “click” when inserting the end of the cable into the wallswitch which confirms it is fully seated.
  - 3) Insert the 12-in-1 wallswitch onto the wall mounting plate carefully and press to fully seat into the plastic wall mounting plate. Again, you should hear a “click” when seated properly. DO NOT OVER PRESS as this could cause damage to the screen or mounting plate.
  - 4) Place the bezel over the wallswitch and press along the edges with even pressure. Once properly seated, again you will hear a “click”.

Now that the 12-in-1 wallswitch is fully seated, now begin the final programming steps to program the Summit Automation system following the “hard reset instructions” on the Summit Automation website.

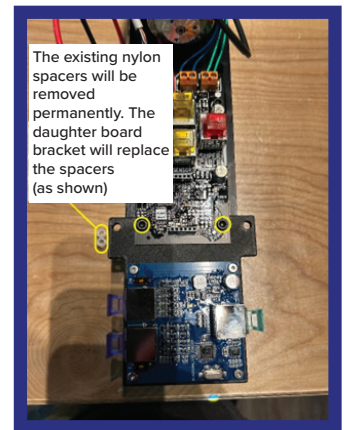
# Daughter Board Installation

Tool required -  
9/64” Allen Wrench

## Peak/Everest



## Sierra/Tahoe



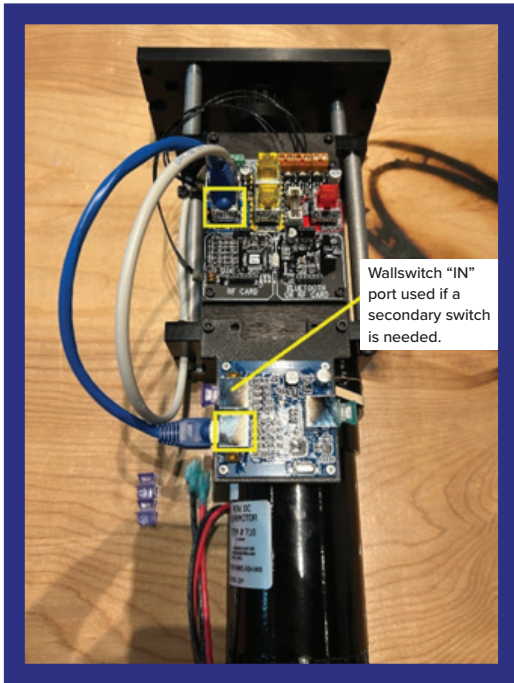
We recommend that the daughter board and daughter board cable be made AFTER the motor has been installed. The daughter board and daughter board cable should be installed when all wire connections are ready to be made.

**DISCLAIMER - THE DAUGHTER BOARD HAS TO BE THE BRIDGE BETWEEN THE TOUCHSCREEN AND MOTOR HUB. YOU RISK PERMANENT DAMAGE TO TOUCHSCREEN IF YOU TRY TO BYPASS THE DAUGHTER BOARD.**



**No Power Tools**

# Cable Connections



1. Plug the Blue Wallswitch Cable into the wallswitch port on the motor assembly HUB board.

2. Plug the Green Touchscreen Cable into the Touchscreen port.

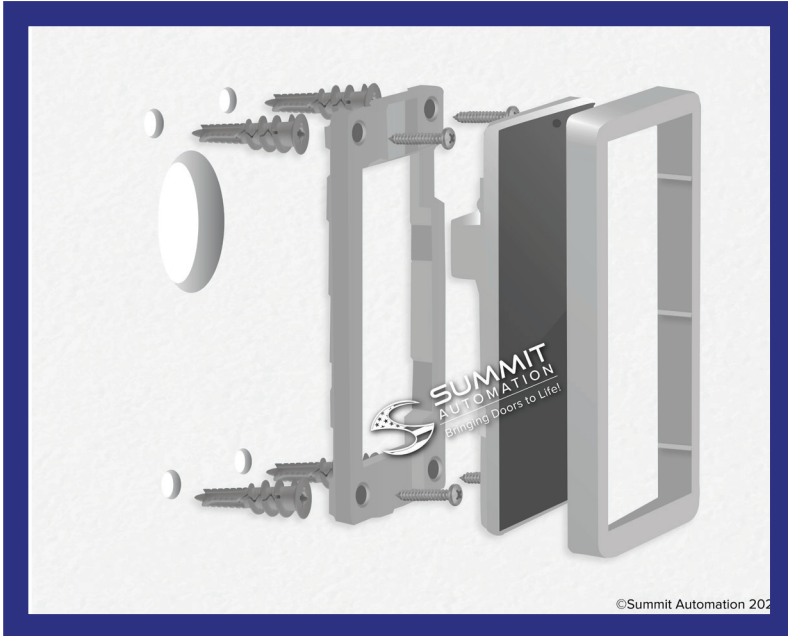


**No Power Tools**

3. Plug the other end of the Green Touchscreen Cable into the touchscreen "port 1".

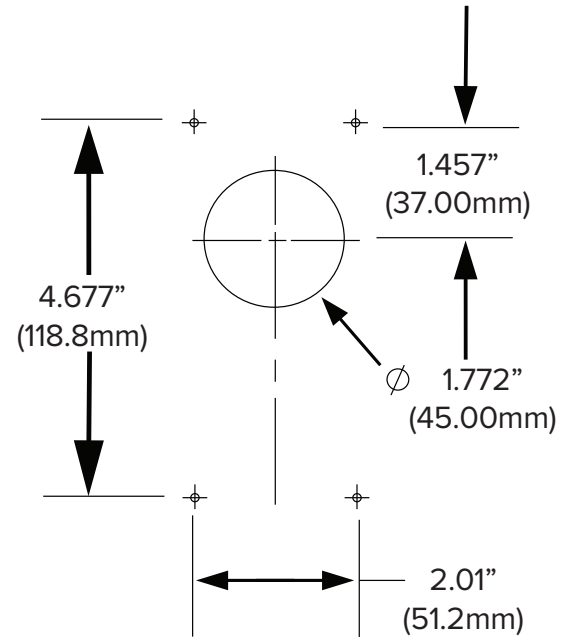
# Specifications

## Assembly/Installation Illustration



As illustrated above, the wall is on the left, which shows the recommended drill holes for the module.

## Wall Plate Mounting Hole Dimensions



## Product Specifications:

- Powerful 5.0" Intelligent TFT IPS display module
- 480x854 FWVGA Resolution (Full Wide Video Graphics Array), RGB 65K true-to-life colors, TFT Screen with integrated Capacitive Touch Panel.
- Wide viewing angles from all directions.
- Module dimensions: 3" x 5.488" x 0.976" (76.2 x 139.4 x 24.8mm)
- Weight approximately 4.6oz (130g).
- Display Viewing Area: 2.463" x 4.352" (62.56 x 110.53mm)
- Easily mounted to the wall, enclosure, panel or virtually any flat drillable surface.



**No Power Tools**