DATA SHEET

N-Series Touchscreen Controller

SC-TC-D-BL (FGN8302-B-01) , Adapter
SC-TC-SM-BL (FGN8302-B-02), Surface Mount
SC-TC-D-WH (FGN8302-W-01), Adapter
SC-TC-SM-WH (FGN8302-W-02), Surface Mount

Overview

Wall Controllers are stand-alone, dual-gang IP controllers that send commands to multiple IP clients with the push of a button. N-Series Controllers have nine programmable tactile buttons with a 240 x 320 display. Programming is done individually through the built-in web-server or collectively to multiple units using N-Command Control Appliances. Multi-page custom graphics can be created using Panel Builder software, stored internally, and launched at start-up or at the push of a button. The SC-TC-D comes with a capacitive touch display and built-in WiFi and Bluetooth for expanding control to mobile devices.

Features

- **Cost Effective** – Low cost of installation.
- **Multiple Commands** – Sent to multiple TCP/IP clients.
- **PoE** – Robust Power over Ethernet (PoE) reliability and redundancy.
- **Energy Efficient** – Standard PoE consumption.

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- **EU Compliance** – Supports both US and European wiring standards.

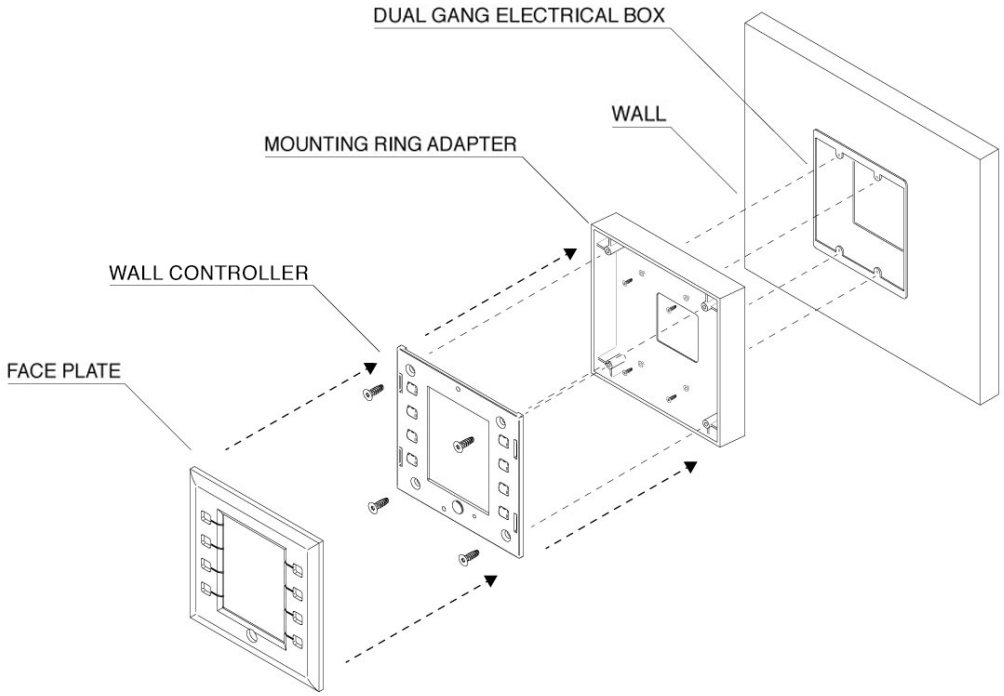
Specifications

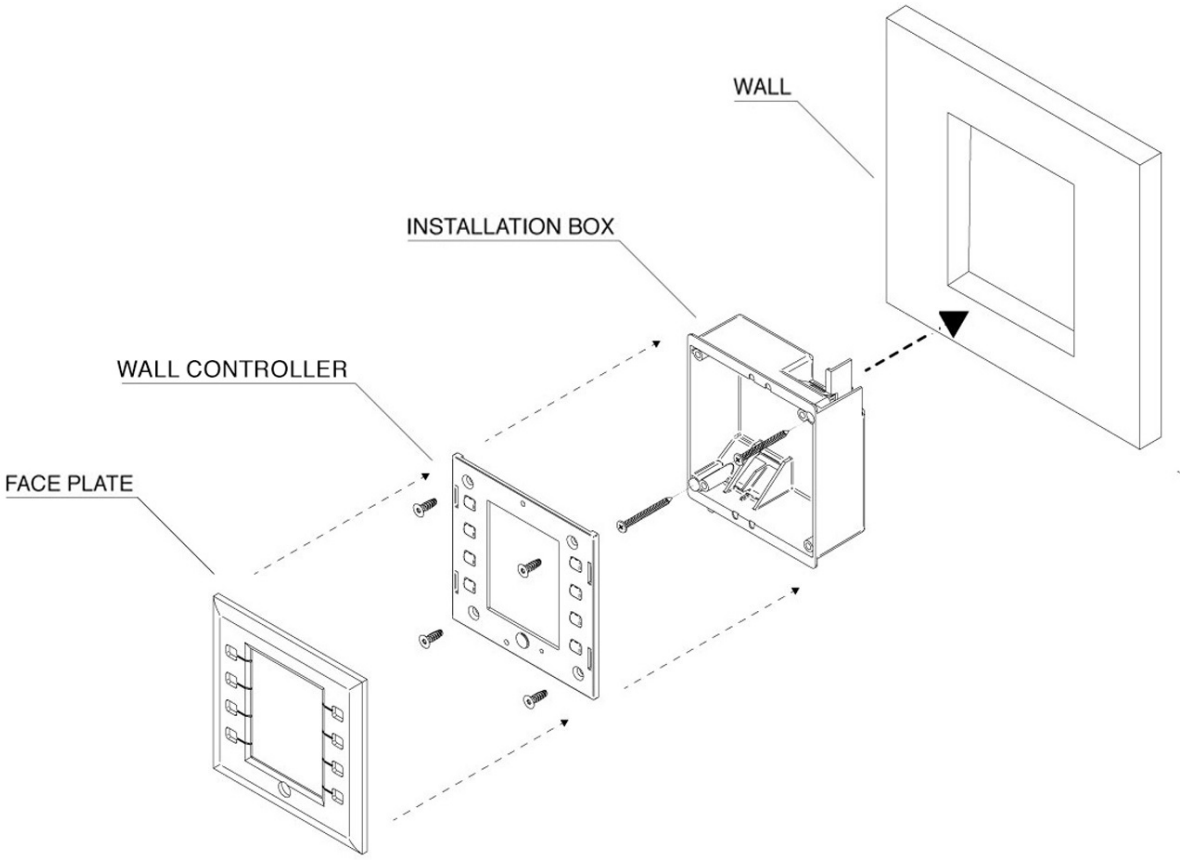
CONNECTIONS AND MANAGEMENT	
Power and Data Connection	8-wire RJ45 female Power over Ethernet (PoE)/100Base-T connector provides both the network connection and the power to the Wall Controller. Units must be powered via a PoE switch or other equipment with a PoE source. Conforms to IEEE 802.3af Class 3 (802.3at Type 1).
PoE Consumption	2.5W
WiFi	Internal 2.4Ghz 802.11g wireless access point (optionally bridged to the wired connection). Max Transmit Power: 14.5 dBm, 54 Mbps OFDM (g) Max Receive Sensitivity: -76 dBm, 54 Mbps OFDM (g)
Bluetooth	Bluetooth V4.0 Low Energy (BLE) - Beacon Service only. BLE Beacon is used in conjunction with SVSi Mobile App to initiate WiFi connection on device to connect and display a Panel Project specified by settings.
Command Protocols	TCP or UDP
Graphic Formats	GIF, JPG, and PNG
Management	Built-in web server, N-Able, and N-Command N8000 Series controller.
Note	In order for the unit to receive PoE, it must be connected to a switch or other equipment that has a PoE PSE (Power Sourcing Equipment) port. Warning: Do not run wiring that is connected to a PoE PSE port outside of the building where the PSE resides. It is for intra-building use only.

INTERFACE	
Tactile Buttons	Eight user-defined tactile buttons. Each button can be defined differently for each panel (allowing for an unlimited number of functions to be button-controllable).
Soft Buttons	User-defined soft buttons (which can also be defined differently for each panel as described above).
Display	3.5” 240x320 touch screen

ENVIRONMENTAL	
Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 90% RH (non-condensing)
Heat Dissipation	Up to ~44 BTU/Hr

GENERAL	
Dimensions (HWD)	4.5” x 4.5” x 1.5” (11.43 cm x 11.43 cm x 3.8 cm)
Weight	0.5 lbs (0.23 kg)
Mounting Options	Flush mount or mount into an existing electrical box using adapter ring.
Regulatory Compliance	FCC, CE, and NTRL


DUAL GANG ELECTRICAL BOX
WALL
MOUNTING RING ADAPTER
WALL CONTROLLER
FACE PLATE


WALL
INSTALLATION BOX
WALL CONTROLLER
FACE PLATE

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