SI.

TRO.Y

IP Control Gateway

Features

- IP Control with built in 4 port data hub

- Third party integration with 485 motors via PoE and RS232

- 16 Bus power units per port (x4)

- Advanced control options for all motor types, RTS and Zigbee via its TLS encrypted link

- Can use wired 485 or wireless RTS keypads to control Zigbee shades or screens

- Built-in web browser based commissioning, multi-platform compatible (PC/MAC/Mobile)

- Single interface for 485 motor, keypad, and RTS Receiver programming

- Third party keypad integration

- 4 times the processing and bus architecture compared to other 485 gateways

- Innovative SI proprietary site files and templates to store and accelerate commissioning

- Exclusive assignable node ids for 485 motors saving time and money on third party controls

Power Input

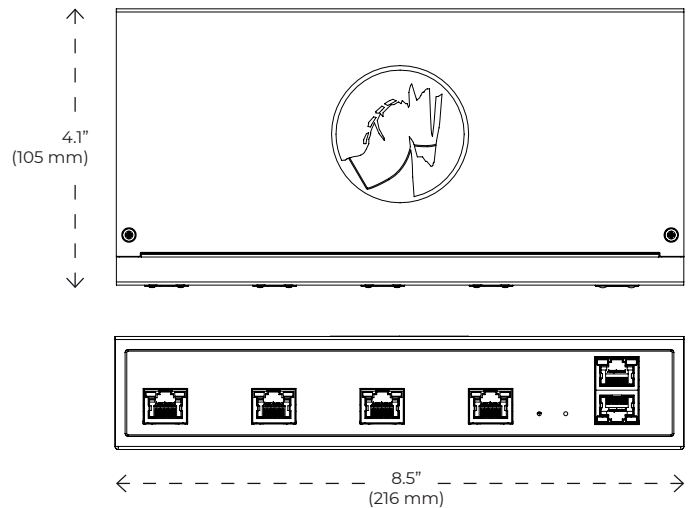PoE (AT/BT) - 48v DC

Power Consumption

5 Watts

Max. Wiring Distance

for 485 – 200' per port (4 ports in total)

for Ethernet - 328' from the router using standard Cat5e cable

Material (Indoor use only)

Sheet metal plenum rated

4.1" (105 mm)

8.5" (216 mm)

TRO.Y Specifications

For illustration purposes only

Dimensions

8.5'' L x 4.1'' D x 1.69" H
(216 mm x 105 mm x 43 mm)
1RU/Half Rack compatible

Parts in the Box (#201559)

1 Tro.y unit, PoE Power Injector, Cat5e Patch Cable, 2 Universal Rack Ears, 1 Rack Mount Fascia, 10 Universal Mounting screws, 2 Din Rail Screws, 1 Long Rack Ear, 1.5 mm Hex Tool, 2 Universal Din Rail Brackets, 8 Terminal Blocks, 4 Rack Mount Screws Quick Start Guide

Works with

- Nano Shades
- Zen Shades
- Solo Pro 2 Screen
- Motorized 3 / 5 Screens
- Decoflex keypads
- Janus
- Fontus
- Duocoup
- LinkPro Z

- TaHoma
- Situo RTS remotes
- RTS Receiver (RTS to 485)
- Smoove keypads
- Telis remotes
- Solo remote
- Connect
- Jopplin enclosure kits

Compliance Specifications

- CE Approved

Supported Protocols

TCP, UDP, TELNET Client, WEB Server, HTTP, UPNP, SDDP, Somfy Digital Network™ (SDN) & The Somfy Synergy™ API

Drivers

- Control4
- Crestron
- ELAN
- Josh via TRO.Y (C4 or Crestron driver)
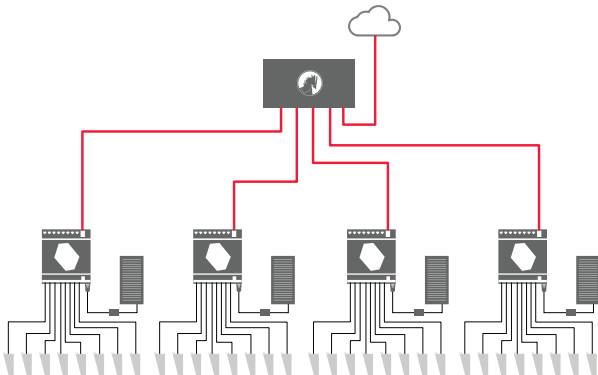- Lutron
- RTI (coming soon)
- Savant
- URC (coming soon)

Programming Button

Hardware/Sotware factory reset / programming (password recovery)

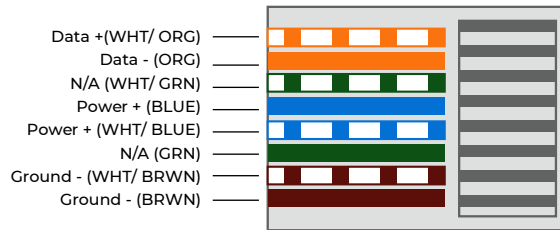## Status LED

LED to indicate no power/ Reboot

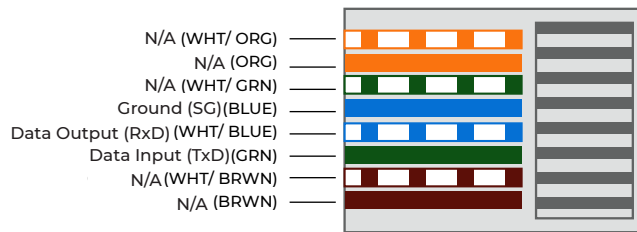## TRO.Y 32 shades example

Cable Pinouts

485 ports 1 through 4

SDN (485) connection

Data +(WHT/ ORG)
Data - (ORG)
N/A (WHT/ GRN)
Power + (BLUE)
Power + (WHT/ BLUE)
N/A (GRN)
Ground - (WHT/ BRWN)
Ground - (BRWN)

Upto 200' max. CAT 5e or better

High speed control port

232 connection EIA-561 (DCE)

N/A (WHT/ ORG)
N/A (ORG)
N/A (WHT/ GRN)
Ground (SG)(BLUE)
Data Output (RxD) (WHT/ BLUE)
Data Input (TxD)(GRN)
N/A(WHT/ BRWN)
N/A (BRWN)

Upto 120' max. CAT 5e or better

PoE

802.3 connection

DC + A (WHT/ORG)
DC + A (ORG)
DC - B (WHT/GRN)
N/A (BLUE)
N/A (WHT/BLUE)
DC - B (GRN)
DC - D (WHT/BRWN)
DC - D (BRWN)
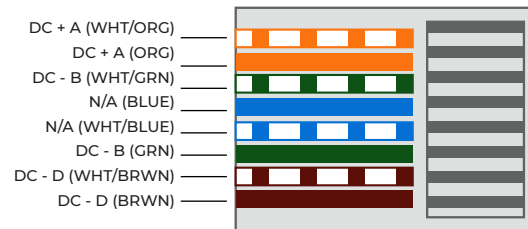
Upto 328' max. CAT 5e or better