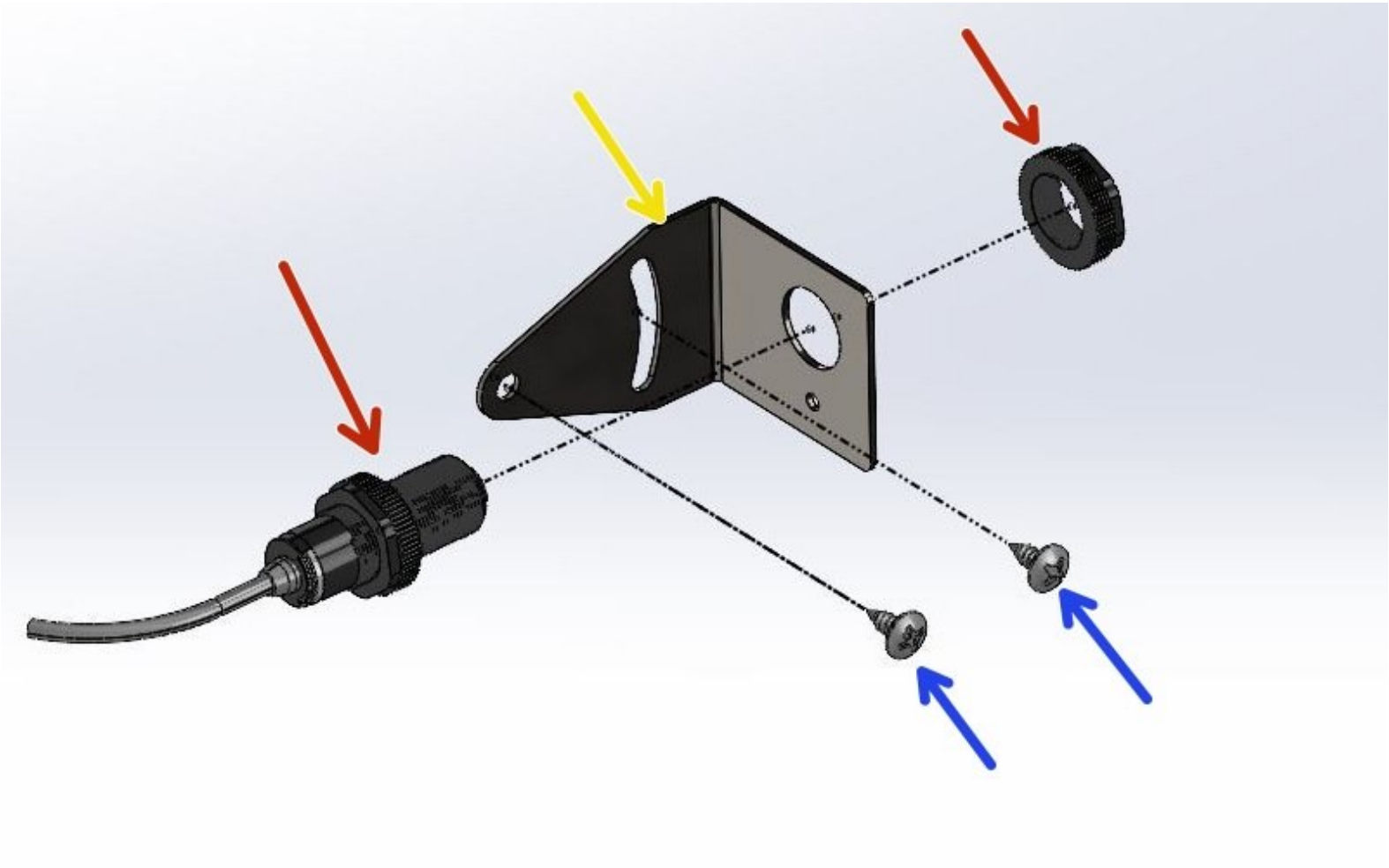
G2 Door: Telco Photo-Eyes w/ ICS3 Control Panel

Written By: Trent Borgardt



TOOLS:

- Wire Stripper/Cutter (1)
- 1/8in Flat-Header Screw Driver (1)
- #3 Phillips Screw Driver (1)
- Power Drill (not included) (1)
- 7/32in Drill Bit (1)

PARTS:

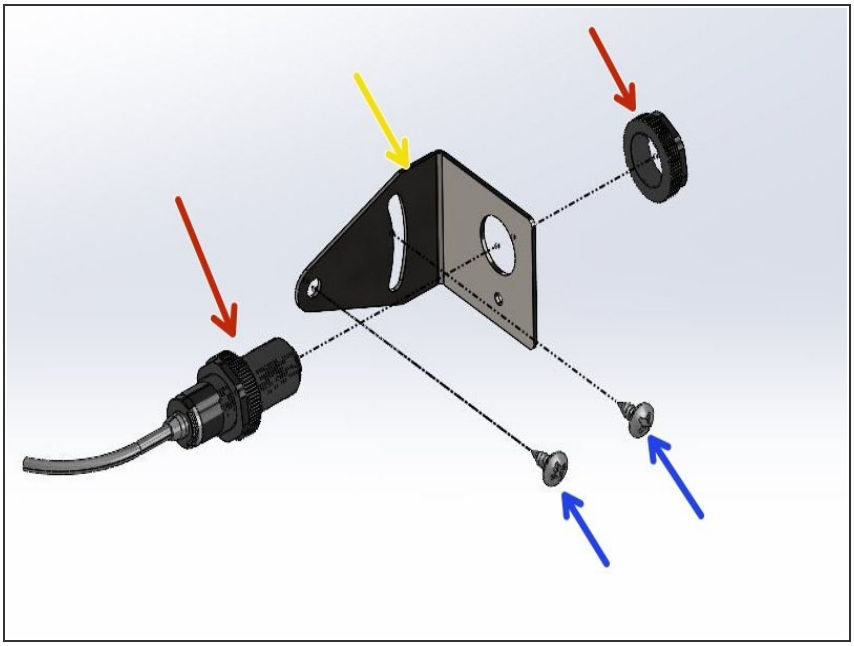
- Telco Through-Beam Photo Eyes (2)

(1) Receiver + (1) Transmitter

- Telco Photo Eye Mounting Bracket (2)

(1) Left-Hand + (1) Right-Hand

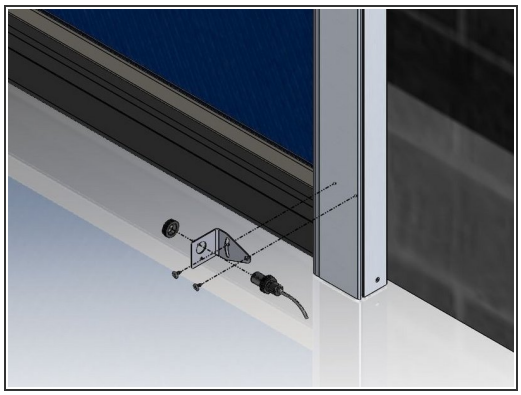
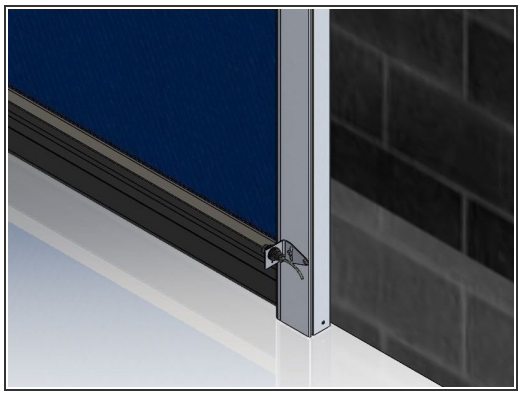
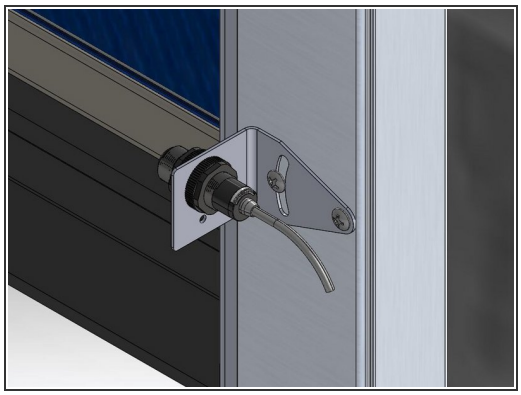
Step 1 — G2 Teclo Photo-Eye Kit Components



- (2) Telco Photo Eyes with Threaded, Locking Washers
  - ⓘ There is a Designated Transmitter marked "SMT".
  - ⓘ There is a Designated Receiver marked "SMR".
- (2) G2 Photo Eye Mounting Brackets
- (4) Self-Tapping Machine Screws

ⓘ Kit will include Double of what is seen in Image above.

Step 2 — G2 Telco Photo Eye Bracket Installation

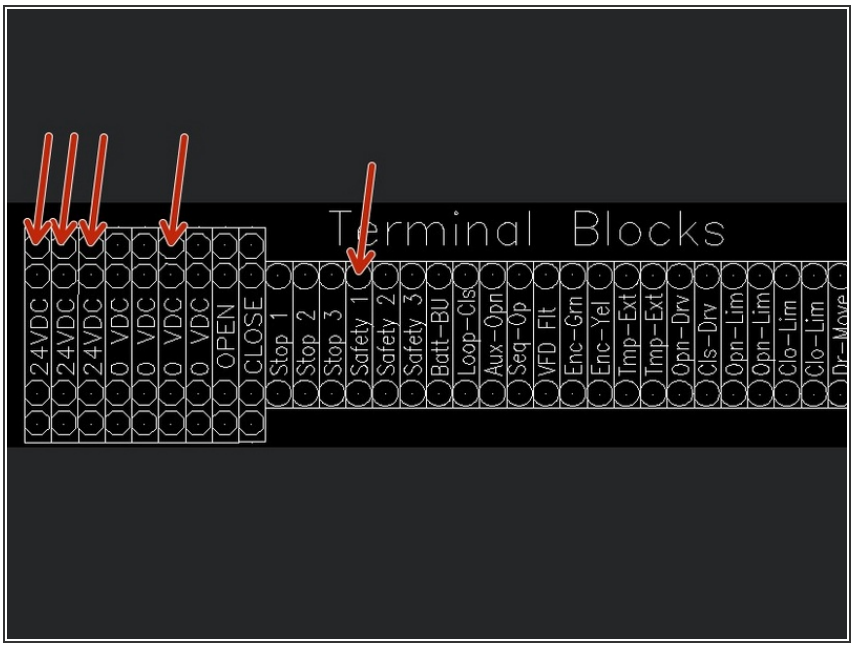




- Mark the Desired Height of the Photo-Eyes.
- Transfer the Mounting Hole Locations onto the Vertical Tracks.
- Pre-Drill Pilot Holes for the 1/4in Self-Tapping Fasteners.
  - ⓘ A 7/32in Pilot Hole works well.
- Secure the Bracket to the Vertical Tracks using the 1/4in Self-Tapping Fasteners.
- Install the Photo-Eyes into the Mounting Brackets with the Threaded Lock Washers.

Step 3 — Factory Jumpers (Inside Control Panel)

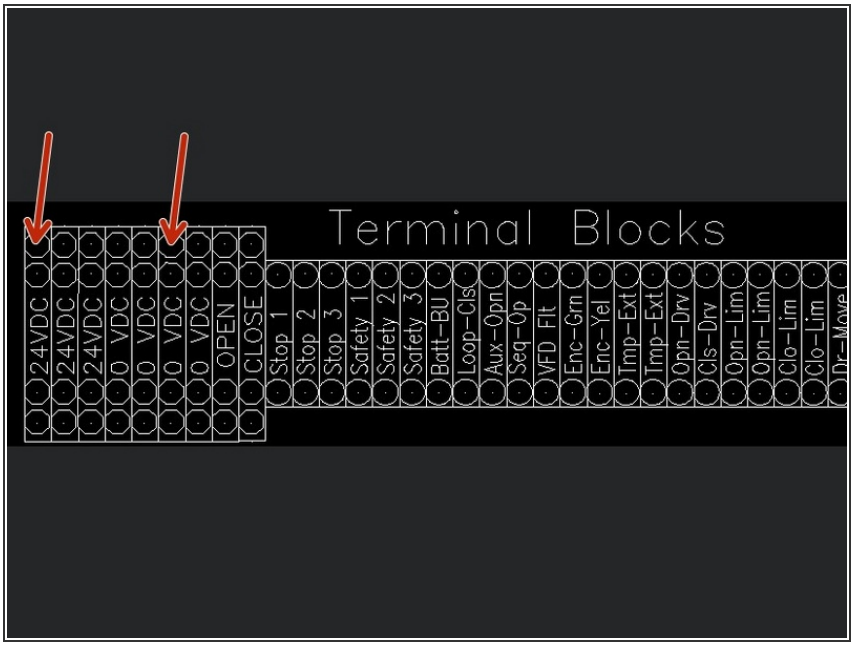
- Inside of the Control Panel (on the Main Terminal Block) you will find 2 Factory Jumper Wires.
- Remove the Factory Jumper that is between Terminals 24VDC and SAFETY1.

Step 4 — Telco Receiver Wiring (Inside Control Panel)



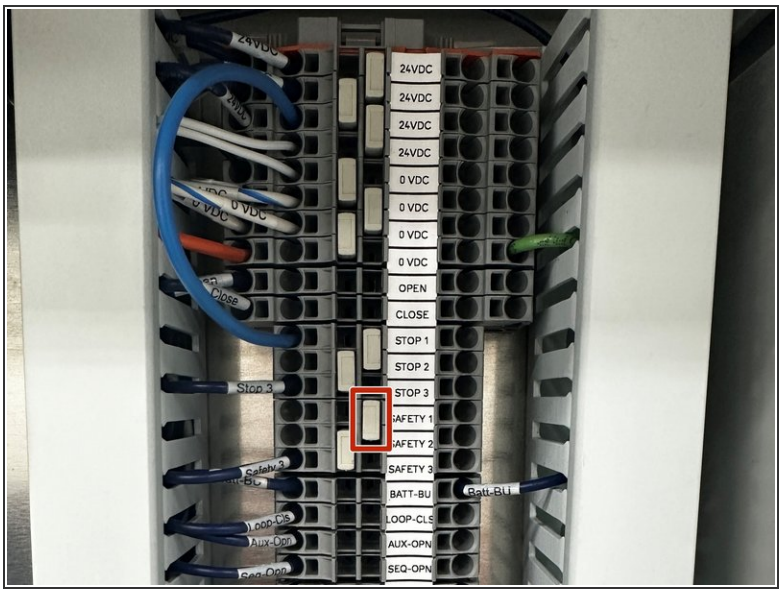
- The Receiver will be Marked "Receiver" on the device itself.
- Receiver Wiring:
  - Brown Wire - 24VDC
  - Gray Wire - 24VDC
    - ⓘ The Brown and Gray Wires can be twisted together and placed in the same 24VDC terminal
  - Blue Wire - 0VDC
  - White Wire - Safety 1
  - Black Wire - 24VDC

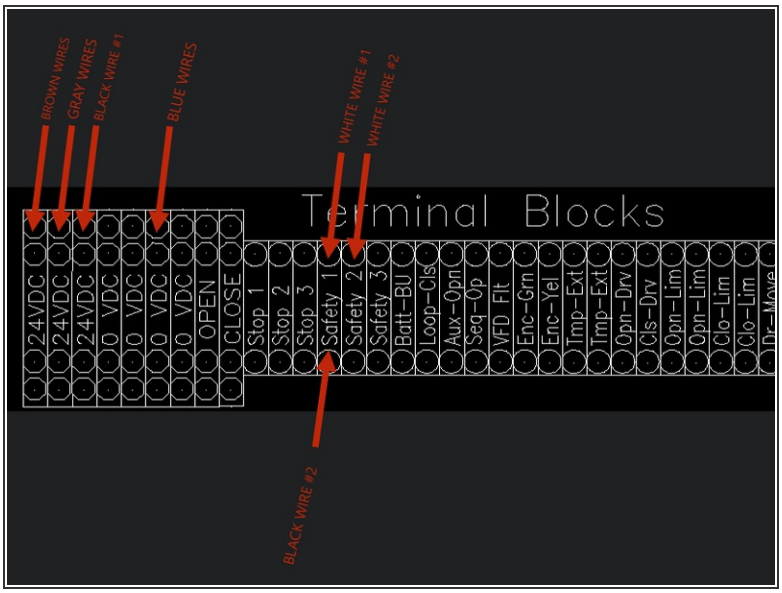
Step 5 — Telco Transmitter Wiring (Inside Control Panel)



- The Transmitter will be Marked "SMT" on the device itself.
- Transmitter Wiring:
  - Brown Wire - 24VDC
  - ⓘ Gray Wire - Not Used
  - Blue Wire - 0VDC
  - ⓘ Black Wire - Not Used
  - ⓘ White Wire - Not Used

Step 6 — Wiring Two (2) Sets of Telco Photo-Eyes into the Control Panel





⚠ REMOVE FACTORY JUMPER WIRE BETWEEN 24VDC AND SAFETY1 + REMOVE THE GRAY TERMINAL BLOCK JUMPER BAR BETWEEN SAFETY 1 AND SAFETY 2

- All Brown Wires - 24VDC
- All Gray Wires - 24VDC
- All Blue Wires - 0VDC
- Black from Receiver #1 - 24VDC
- White from Receiver #1 - SAFETY 1
- Black from Receiver #2 - SAFETY 1
- White from Receiver #2 - SAFETY 2