The G2 I/O remote provides (8) general purpose inputs and (8) general purpose outputs. The inputs and outputs (I/O) can be used for a variety of purposes. The inputs can be used for monitoring switches, such as door bells, acknowledge buttons, door position, and more. The outputs can be used to operate automatic doors, turn on lighting, shutoff stoves, change traffic lights, activate strobe lights, initiate Turn-out timers, lock doors, and more.

Inputs
Inputs are optically isolated, dry contact type. They require a simple contact closure, such as a push button, to operate. Devices connected to inputs may be low voltage, low current.

Outputs
Each of the 8 Outputs is an isolated relay. Each Input and Output has its own LED to show when it is active. This makes connecting and troubleshooting easy. When an input is active or a relay is closed, the LED will illuminate.

Relay Contact Ratings:
- Max Power: 60 watts
- Max Voltage: 48VDC
- Max Current: 1 amps

NOTE: US Digital Designs does not recommend switching high voltages or currents (voltages above 48VDC or currents above 1 amp) directly with the G2 I/O Remote. If you have the need to switch higher voltages or currents we recommend that you use the G2 I/O remote to control a relay or contractor rated for the higher voltages or currents.

If you are switching inductive loads (such as relays) then you must provide an inductive kickback diode across the load. If you are not familiar with how to do this, please contact US Digital Designs.

- Input: 12v DC @ 1 mA flow when closed
- Power: Uses G2 POE (No External power needed)
- 1 Year Parts & Labor Warranty
- Service Contract Available
- Aluminum Black Anodized enclosure
- Dimensions: 6” x 5.5” x 2” (WxHxL)