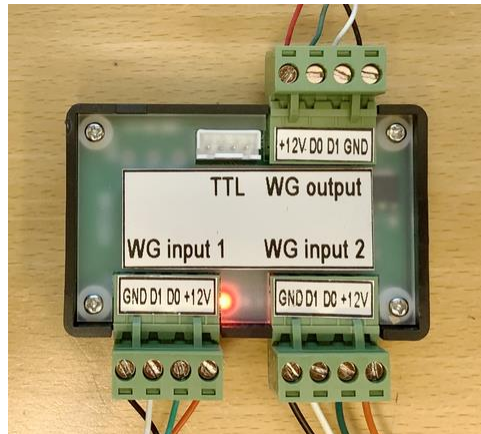# Wiegand Consolidator

What is it?

The Wiegand Consolidator allows you to connect two Wiegand readers to a single access controller input.

When is it needed?

Most Wiegand readers can simply be connected in parallel to a single Wiegand input. But some readers do not function when connected in parallel.

The Wiegand Consolidator is required only if one of your readers is a Wiegand interface Barcode reader.

Wiegand Consolidator Setup

The Wiegand Consolidator can be locate anywhere between the readers and the controller, either close to the controller or close to the door.

The Wiegand Consolidator receives power from the controller, and it will provide power to both readers.

- Connect Reader 1 to **WG Input 1** just as you would normally connect it to the controller.
- Connect Reader 2 to **WG Input 2** just as you would normally connect it to the controller.
- Connect **WG Output** to the access controller.

When the Wiegand Consolidator is powered up the red LED will light up, and both readers should also be powered up.

When a card is scanned on either reader, the blue LED and then the green LED will flash in quick succession.