



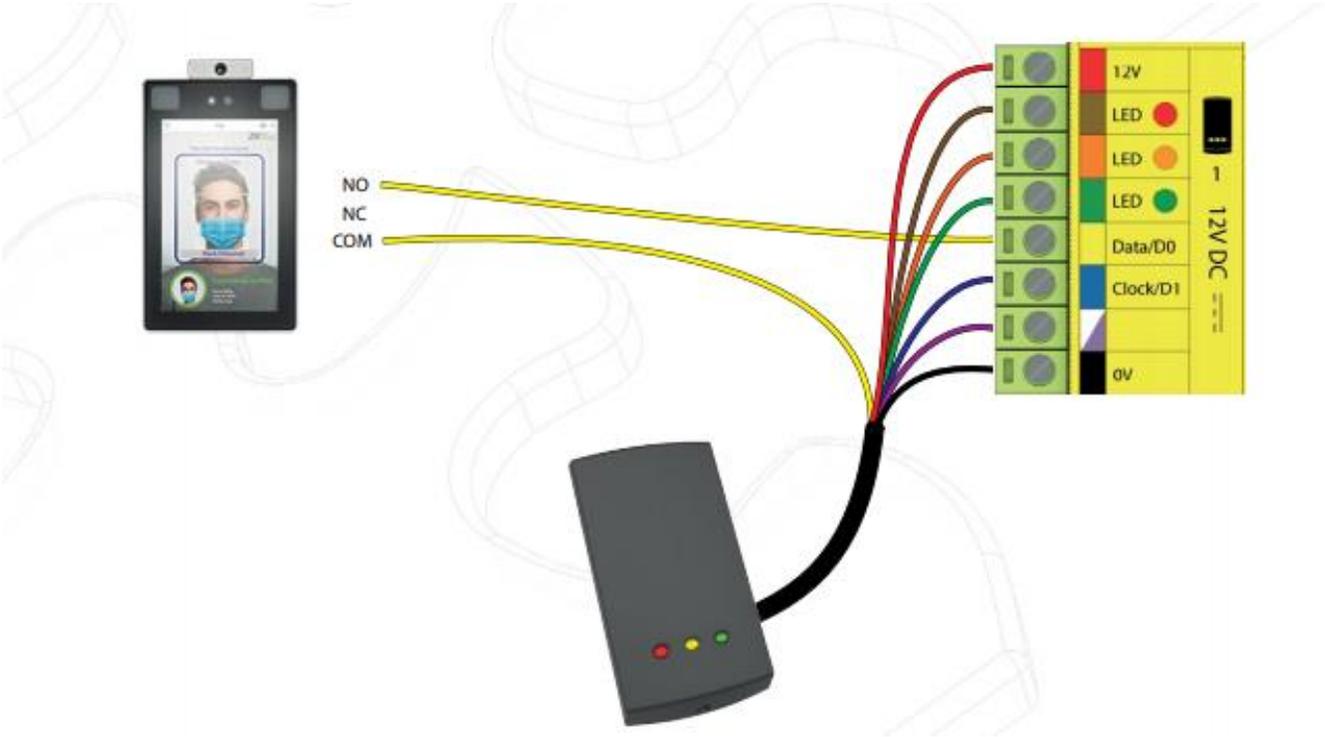
Making the SF+ Reader a Wiegand Passthrough

Wiring

Step 1: From the external Wiegand reader you can run both your **GND** and **12V** to the Access Control Panel as well as the **Data 1** wire.

Step 2: Wire the **Data 0** wire of the external reader to the SF+ Readers **NO** wire on the lock output side.

Step 3: Wire the **COM** wire from the lock output side as the **Data 0** wire that will be run back to the Access Control Board.





How this will work

The data wire running to the NO wire is not communicating to the board until the temperature is verified, once the temperature is verified the relay will close in the SF+ reader and the Com wire will now act as the remaining data wire.

So instead of the customer having to enroll their cards into the system, they can now just verify with their temperature and swipe the card. NOTE, you will need to verify their temperature first.

FYI: They can even use the Allow Unregistered Users to Access feature, so they don't have to enroll their faces.

Some Common Questions:

How do I elongate the time allowed to swipe?

Menu > Access Control > Access Control Options > Door Lock Delay & increase to 10 sec.

What will be lost?

You will lose the ability to use the NO + COM side of the relay. So, they cannot attach a green led to their lock side cause the wires will be in use.