

Pins assignment for Arduino based Destination systems only.

Reader channel # 0:

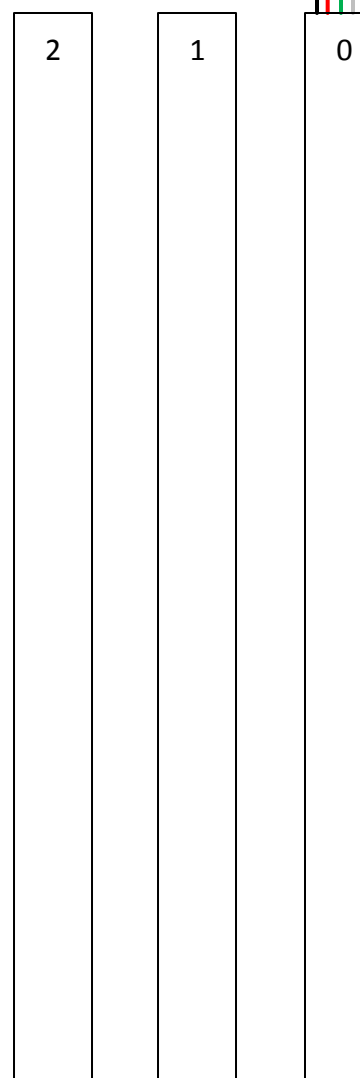
- Data 0 2
- Data 1 3
- Led (if used) 6
- Piezo (if used) 7

Reader channel # 1:

- Data 0 21
- Data 1 20
- Led (if used) 8
- Piezo (if used) 9

Reader channel # 2:

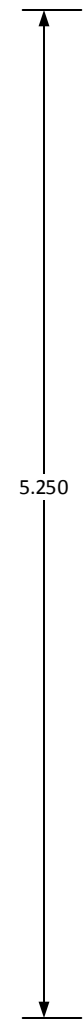
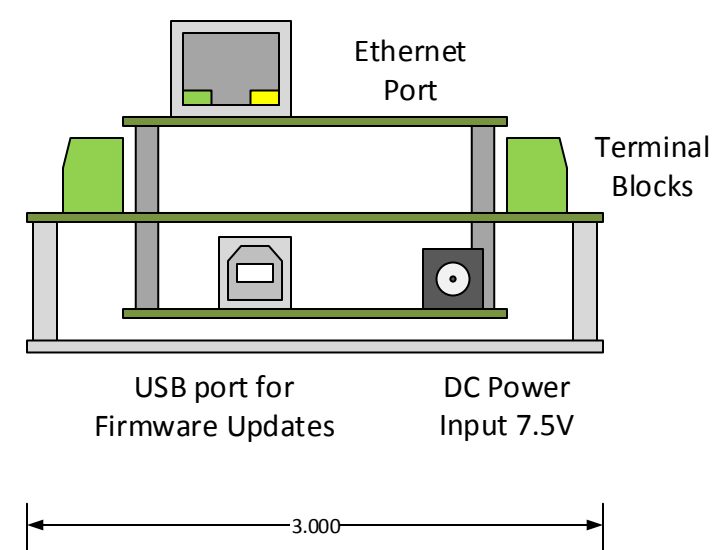
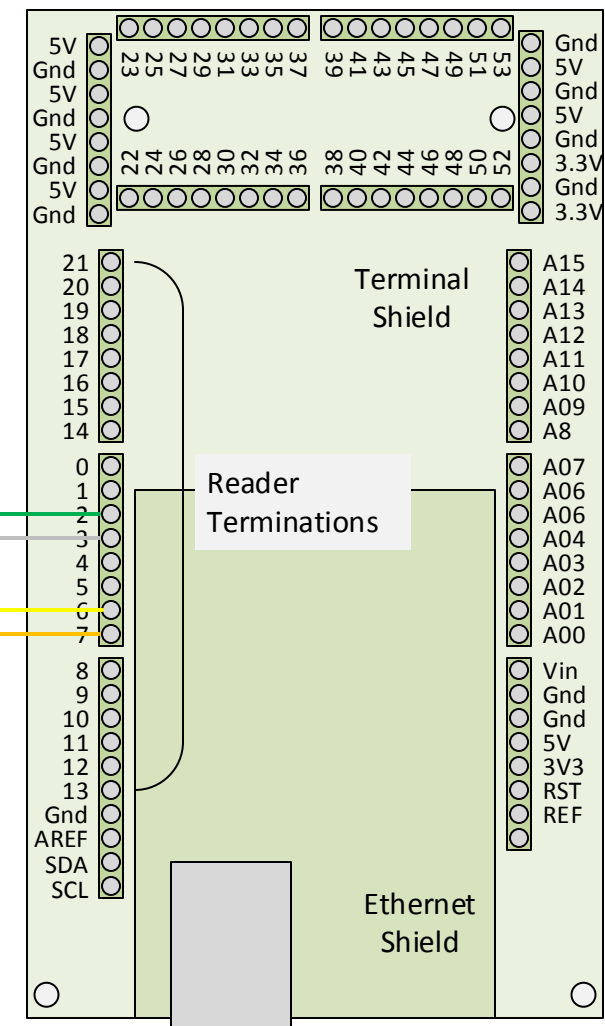
- Data 0 19
- Data 1 18
- Led (if used) 12
- Piezo (if used) 13



To 12V Reader Power with common reference to Wiegand Converter Power

1K ohm Pull-up resistors tied to 12V reader power.

Illustration shows Reader Cable and Wire termination for Reader 0 only.



Tie configured data ports to 12V through 1K Pull Up resistors.

Tie un-configured data ports to Ground with 2.2K Pull Down resistors.

Set supply voltage to 7.5 VDC. Use 12VDC for reader power. Tie 7.5V and 12V grounds together.

The LED and Piezo outputs are not used on all Destination Systems.

IP Addressing



Drawing - Arduino Installation.vsd		Scale: 1:1	
Description: Destination System Wiegand Converter			
Path	C:\BluBOX\Manufacturers\Mechanical Drawings\Wiegand Converter\		
Filename	Arduino Installation.vsd		
Created	07/31/15	Tim Regan	Rev 1.0
Last Mod.	12/30/15		Page-1of1