

Connecting a Suprema Xpass reader to Net2

Overview

The Xpass reader supplied was configured for 26 bit wiegand output. Software supplied on CD with the reader can be used via its TCP/IP link to set other bit patterns and formats (See reader instructions)



Cable Pinout	ACU terminal
Red (pwr)	+12V
-	Red LED
-	Amber LED
-	Green LED
Green	Wiegand D0
White	Wiegand D1
-	NOT USED
Black/White + Black (pwr)	0V

IO	Red 12V dc	Reader 1
IO	Red LED	
IO	Amber LED	
IO	Green LED	
IO	Data/D0	
IO	Clock/D1	
IO	Media Detect	
IO	0V out	

Ensure any unused wires are safely terminated.

To set up a Net2 Wiegand filter you will need to use the Net2 Server configuration utility. Once completed, set the reader 'Token data format' in Net2 to 'Wiegand Custom'.

Paxton advise checking for the correct site code with the Wiegand filter to provide a higher level of security. To determine how this may be done see [AN1010 - Configuring custom Wiegand formats < http://paxton.info/990 >](http://paxton.info/990)

The reader has no external LED control and so Net2 cannot force the display of standard Green / Red indications.



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