▼Paxton

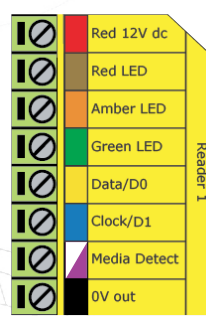# Connecting a Suprema BioStation 2 reader to Net2

Overview

The BioStation 2 is an IP based fingerprint reader, it includes a Wiegand output for easy connection to the Net2 access control system.
The BioStation 2 needs to be configured via Suprema's software.

The BioStation 2 needs to be connected via Wiegand to the ACU via the wiring diagram below.

A separate 12 or 24 volt power supply is needed for the reader. It cannot be connected to the reader output terminals of the Net2 controller due to its high power consumption.

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

Ensure any unused wires are safely terminated.

The BioStation 2 is tested via a 26bit Wiegand output, however more options are available. The Reader setting in Net2 has been set to "Wiegand" and "Wiegand 26 bits".

The Wiegand settings for the BioStation needs to be configured as following;

Input/Output: Output
Wiegand input format: ID#1 26 bit SIA Standard – H10301
Pulse width(µs): 50
Pulse Interval(µs): 1000

The integration download and instructions can be found here:
https://www.supremainc.com/en/solutions/suprema-integration-paxton.asp?sKIND_TYPE=GD01502

+44 (0)1273 811011
support@paxton.co.uk
paxton.support

+49 (0) 251 2080 6900
support@paxton-gmbh.de
paxton.gmbh.support

+33 (0)157 329356
support@paxtonaccess.fr
paxton.support

+32 (0)78485147
support@paxton-benelux.com
paxton.benelux.support

+31 (0)76 3333 999
support@paxton-benelux.com
paxton.benelux.support

+27 (0)21 4276691
support@paxtonaccess.co.za
paxton.support

+1(800) 672-7298
supportUS@paxton-access.com
usapaxton.support

+11 5715088198
soporte@paxton-access.com
paxton.soporte

+1 (864) 751-3501
soporte@paxton-access.com
paxton.soporte

8000 3570 3783
support@paxtonaccess.ae
paxton.support

+44 (0)1273 811011
support@paxton.co.uk
paxton.support