Paxton

Connecting a STid ARC-A with biometric to Net2

Overview

The STID ARC reader with the Biometric attachment is a dual authentication reader. The reader uses configuration cards created using the SECARD software with the SECARD desktop encoder and fingerprint encoder. The reader supports both Wiegand and clock & data outputs, of multiple bit lengths.
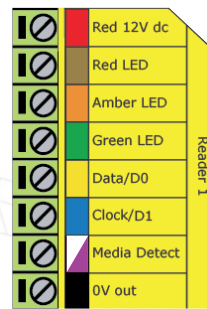
The STID reader will accept a range of Mifare cards. Desfire EV1 cards were used in our testing.

Like the configuration cards, the users are created inside the SECARD software. The user is enrolled and a fingerprint is taken. This data is then written to the card. This token is then scanned to the reader, the reader will then confirm the ID of the user by scanning the fingerprint.

This reader was tested using a 26 bit Wiegand output.

Cable Pinout	ACU terminal
12V	+12V
LED2	Red LED
-	Amber LED
LED1	Green LED
Clock DO	Wiegand D0
Data D1	Wiegand D1
-	NOT USED
OV	0V

Ensure any unused wires are safely terminated.

The user will also need to be added into Net2 Access Control. Setting the reader operating mode to desktop reader mode will allow the token number being produced by the reader to be added to a users' profile.

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