

Connecting a Southco H3-EM to Net2

Overview

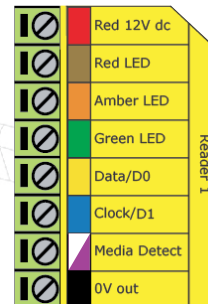
The H3-EM is made out of two electrical parts, the RFID reader and secondly the electro mechanical latch.

The configuration of the Wiegand filter highly depends on the type of RFID reader ordered and of the tokens that are used. The inbuilt RFID readers do not read Paxton tokens.

To set up a Wiegand filter to screen out the card number, you will need to use the Net2 Server configuration utility. Once completed, select the reader 'Token data format' in Net2 to 'Wiegand Custom'. See AN1010 - Configuring custom Wiegand formats < <http://paxton.info/990> >



Cable Pinout	ACU terminal
VCC	+12V
Red LED	Red LED
-	Amber LED
Green LED	Green LED
Data0	Wiegand D0
Data1	Wiegand D1
-	NOT USED
GND	0V



Ensure any unused wires are safely terminated.

To release the electronic lock it requires a 12V signal on the Vsupply of the H3-EM. This can be achieved by linking the 12V to the COM contact of relay 1 of the Net2 plus. The Vsupply of the lock is connected to the N.O contact of relay 1.

Cable Pinout	ACU terminal
VGND	0V
Vsupply	N.O
-	Link 12V to COM

The door open time of the lock can be set using the Net2 software.



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