

Connecting a Nortech HyperX reader to Net2

Overview

Nortech HyperX™ is a long-range hands free system with read distances up to 8 metres.

The read-only tags use 2.45 GHz to communicate with the reader.

The reader interface supports Clock and Data and Wiegand 26bit formats.

To set the reader up into clock & data: Press the red button until the digital read out reads 'tO'. Press the black button until it reads 'lr', then press and hold the red button until it shows 'SA' (saved).

To set the reader up into Weigand: Press the red button until the digital read out reads 'tO'. Press the black button until it reads 'lE', then press and hold the red button until it shows 'SA' (saved).

For Clock and Data, the Net2 card data format needs to be set up:

Digit 3	▼
Forward	▼
8 digits	▼

For Weigand, the setup is the standard 26-bit, however the number and barcode printed on the card is not related to the Mifare number.

Further information on use and programming is available at:

<http://www.nortechparking.com/products/automatic-vehicle-id/hyperx-long-range-reader.html>

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

10	Red 12V dc	Reader 1
11	Red LED	
12	Amber LED	
13	Green LED	
14	Data/D0	
15	Clock/D1	
16	Media Detect	
17	0V out	
18		

Ensure any unused wires are safely terminated.

To configure the LED setting, open the Net2 server configuration utility and on the 'General' tab, check the 'Display reader LED's in OEM style' box.

If the option is not available, please contact Technical support for further advice.



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