

# Connecting a Nortech Ultrapass-W26

## Overview

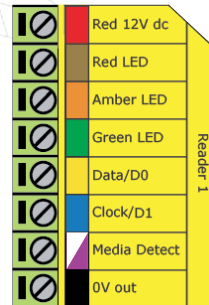
The Ultrapass-W26 reader is a long-range reader which connects to the Paxton NET2 ACU and transmits data via Wiegand output. The reader was tested with ELDAT Basewave Micro Transmitter fobs to achieve up to 100M range.

The reader was tested using Net2 V6.01.8616 software using Wiegand output set to 26bit Wiegand and token only.

An 8 digit token number was generated by pressing the button on a ELDAT Basewave fob, this triggered the relay on the Net2 ACU. A number of ELDAT fob where tested, generating a unique token number for each fob. There is no proximity function, the purpose of the reader is to be used as a transmitter. Upon receiving the transmitter request the reader beeps once.



Cable Pinout	ACU terminal
RED	+12V
NOT USED	Red LED
NOT USED	Amber LED
WHITE	Green LED
GREEN	Wiegand D0
NOT USED	Wiegand D1
-	NOT USED
BLACK	0V



Ensure any unused wires are safely terminated.

Link to manufacturers website:

[https://www.eldat.de/archiv/basewave/archiv\\_bw\\_sender\\_en.html](https://www.eldat.de/archiv/basewave/archiv_bw_sender_en.html) <https://www.nortechcontrol.com/>  
<https://www.nortechcontrol.com/>