

Connecting a Nedap uPASS Target reader to Net2

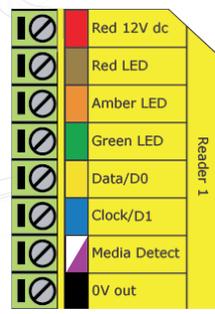
Overview

The uPASS Target is a high-end reader that offers long-range identification using the Rain RFID (UHF EPC Gen II) Standard. It offers a read range of up to 10 meters (33 ft.) which makes it a solid solution for long-range identification of vehicles, people and rolling stock at industrial sites and logistic depots. This reader works with Nepad's own credentials: UHF windshield tag, UHF combi card and the UHF heavy duty tag.



To connect the reader to a Net2 door controller, use the following instruction. Use connector 2 on the reader:

Connector 2	ACU terminal
NOT USED	+12V
Cable 8	Red LED
NOT USED	Amber LED
Cable 1	Green LED
Cable 2	Wiegand D0
Cable 4	Wiegand D1
NOT USED	NOT USED
Cable 7 & 8	0V



Ensure any unused wires are safely terminated.

A separate 12V/24V or PoE plus 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.

Configuration

The reader has to be configured using the USB interface on the reader and Nepad's UHF tool software which is available with Nepad.

In the 'LED control' menu, select: Remote (inputs) to allow the LED's to be operated by the Net2 controller.

For the test we used the UHF combi card and selected in the 'extra output tool' menu of the UHF tool:

- Protocol: Wiegand
- Data source: EPC number
- Alignment: Left
- Data Length: 24 bits/ Offset: 0
- Tick the box: Add parity bits

Set the reader settings in Net2 to - wiegand reader - and - wiegand 26 bits -.

For further information and current details please contact the company Nepad.



+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