

APPLICATION NOTE

ONLine Access

This application note explains how to connect XPR proximity Reader to Paxton's Net2 Controller

A004

CONNECT THE READER TO NET2 CONTROLLER

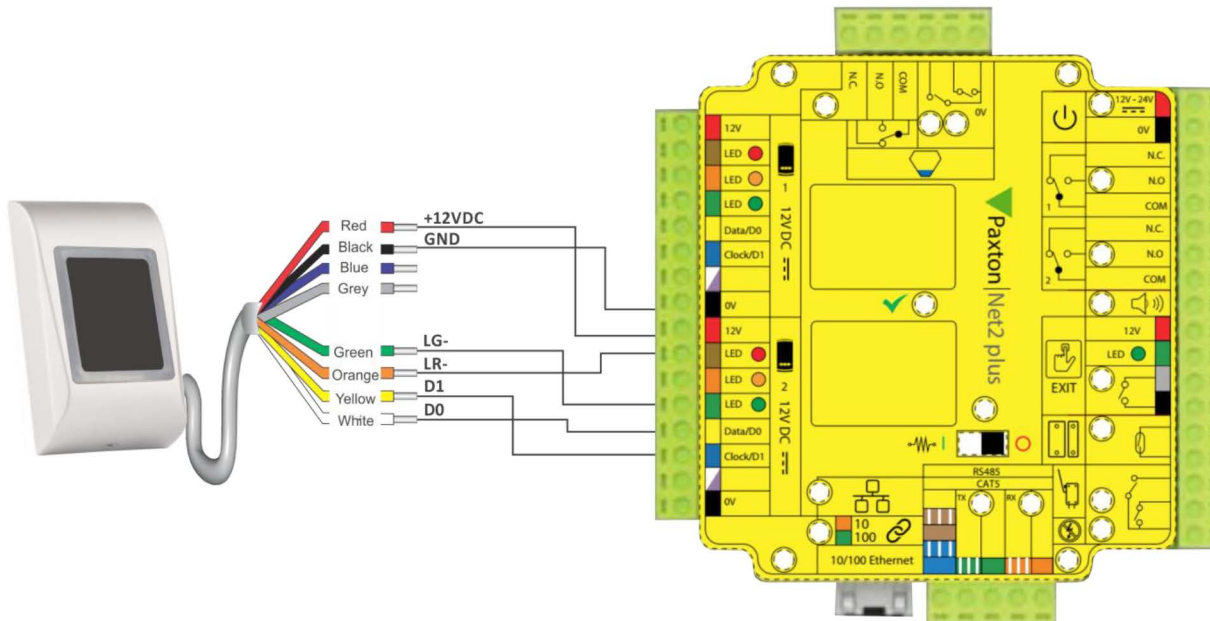
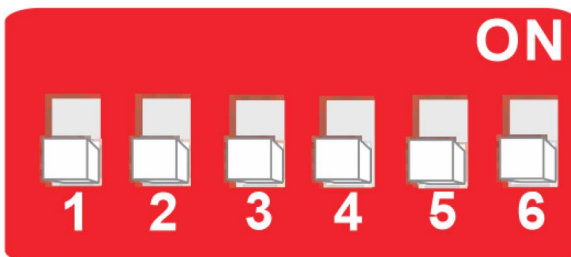


Figure 1

PUT THE READER IN WIEGAND 26 BIT. BY DEFAULT, THE READER COMES WITH WIEGAND 26 BIT

For Wiegand 26 bit, put all DIP Switch positions 3, 4, 5 to OFF



SETTINGS IN THE NET2 SOFTWARE

- For reader Type select **Wiegand reader**
- For Token Data Format select **Paxton Wiegand 26 bit**

Door1

ACU serial number: 04417734

Door name: Door1

Door group: (none)

Door open time: 1 seconds

Auto-unlock time schedule: At no time

☐ Only unlock the door once a user has been granted access

☐ Silent operation

Unlock relay 2 during: At no time

Reader 1 | Reader 2 | Alarm | Events | Intruder Alarm | Access rights

Reader details

Name: Door1 (Out)

Reader type: Wiegand reader

Keypad type: None

Token data format: Paxton Wiegand 26 bit

- For Desktop Reader operating Mode select **Wiegand**

Net Server Configuration Utility

General | Database | Wiegand | TCP/IP nodes | Net2Air Bridges | HTML Reports | Email | SMS | Diagnostics | Printer options

☒ Wiegand configuration

Number of bits: 26

Rule 1:

Rule 2:

Rule 3:

Rule 4:

Rule 5:

You can configure a custom Wiegand format, of up to 50 bits, by specifying up to 5 rules. The following would be an example of 26 bit, with a site code of 45 (0x2D)

Rule 1 = X00101101AAAAAAAAAAAAAAAAAX

Rule 2 = EDDDDDDDDDDDDDDDDDDDDDDDD

Rule 3 = XXXXXXXXXXXXXXXDDDDDDDDDDDD

X: Don't care
0: Must be zero
1: Must be one
A: Token number
D: Data to be used for calculating parity check for rule.
E: Even parity of 'D' bits
O: Odd parity of 'D' bits

Rule 1 specifies that bits 2-9 should be 00101101, which is the site code check. It also specifies that bits 10-25 are the token

Desktop reader operating mode: Wiegand

OK Cancel Apply