



AN1050 - Installing an OEM reader

Proximity and magstripe readers with clock and data or 26-bit Wiegand outputs are compatible with Net2. Wiegand readers of up to 50 bits can be used with Net2 but this requires a custom Wiegand filter to be set up in the Net2 Configuration Utility. See [AN1010 - Configuring custom Wiegand formats](#) < <http://paxton.info/990> > for more information.

Many third party keypads are compatible with Net2 running v4.18 or later software. Refer to: [AN1112 - How to configure a Wiegand keypad](#) < <http://paxton.info/1650> >

Terminal	Inputs
Red	12V (or 5V)
Brown	Red LED
Orange	Amber LED
Green	Green LED
Yellow	Wiegand Data 0 (!Data)
Blue	Wiegand Data 1 (!Clock)
Mauve	!Media detect
Blk/Wht	0V

The appropriate reader type - Wiegand or Clock and Data - must be selected in the door settings and the relevant token data format chosen.

The screenshot shows the 'Reader 1' configuration window in the Net2 Configuration Utility. The 'Reader details' section is expanded, showing the following settings:

- Name: Front Door (In)
- Reader type: Wiegand reader
- Keypad type: None
- Token data format: Wiegand 26 bit

The 'Operating mode' section is also expanded, showing:

- Reader operating mode: Token only
- Timed operating modes: (unchecked)
- During this timezone: All day, every day
- This reader will operate as: Inactive

The 'Reader action' section is expanded, showing:

- Relay 1 opens for door open time: (selected)
- Relay 2 toggles: (unchecked)

The bottom of the window shows the user 'System engineer' and the user 'Bayliss'.

Please refer to our website at: < <http://paxton.info/702> > to see a full list of 3rd party readers tested and supported by Net2.

Net2
V4