

Integrating Net2 with Turnstiles

Requirements

- Net2 Access control v5.0 or higher
- Compatible with Net2 plus ACU only.

See www.paxton.info/720 for the minimum PC specifications and compatibility statement



About

The Net2 plus ACU is a 1 door control unit. It offers logical read in and read out via its 2 reader ports. Although it will only control access to 1 door, it is possible to enable a single ACU to control a bi-directional turnstile. This makes for a cost effective installation on any site that combines standard door access and turnstiles. A fixed 1 second pulse will be sent to the turnstile in order to allow a single transaction in the appropriate direction.

Setting up the software

1. Open Net2 and select the door.
2. Under 'Reader Action', select the option 'Turnstile mode'.
3. Click Apply.

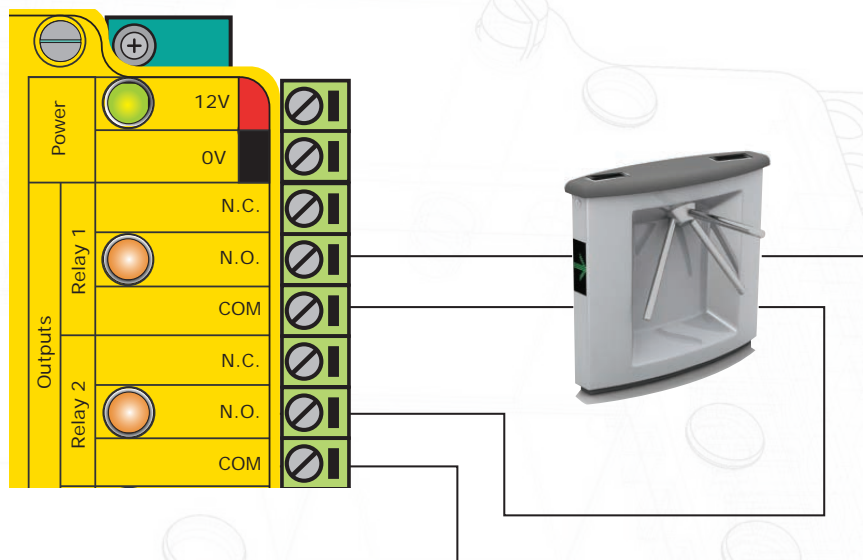
A screenshot of the Net2 software interface. The window is titled 'Turnstile' and shows various configuration options. The 'Reader Action' section at the bottom is circled in red, and the 'Turnstile mode' option is selected. The interface includes fields for 'ACU serial number', 'Door name', 'Door group', 'Door open time', 'Unlock the door during', 'Unlock relay 2 during', 'Reader details', 'Operating mode', and 'Reader action'. The 'Reader action' dropdown menu is open, showing 'Turnstile mode' as the selected option.

Note: This will prevent any further changes to the reader settings on the 'Reader 2' tab. Once set, it is no longer possible to use the intruder alarm integration with this ACU.

Wiring the relays

1. The image below shows typical wiring.

Relay 1, COM and NO terminals connect to one side of the turnstile.
Relay 2, COM and NO connect to the other side.



Operation

A user presents their token to the appropriate reader. If valid access is granted, the green LED will flash and the corresponding relay will pulse for 1 second to allow the user to pass through the turnstile.

If the user is denied, the red LED will flash and the user will be denied access.