

# Integrating Net2 with Turnstiles

## Requirements

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

See [www.paxton.info/720](http://www.paxton.info/720) for the minimum PC specifications and compatibility statement

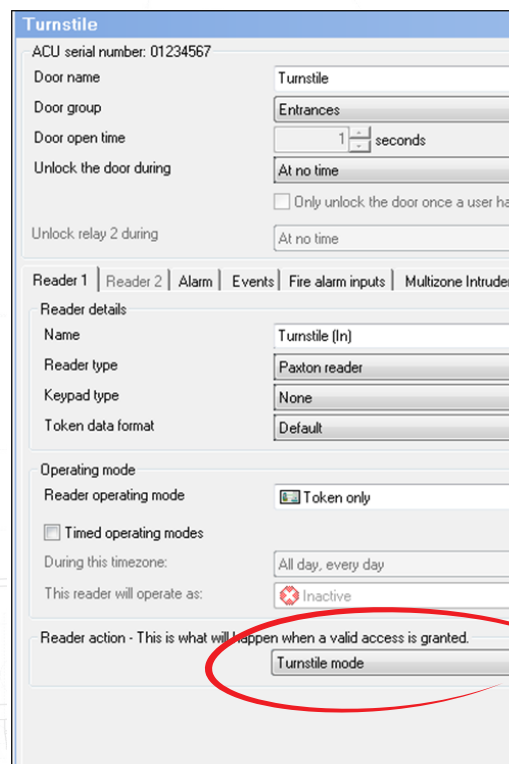


## About

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.



**Turnstile**

ACU serial number: 01234567

Door name: Turnstile

Door group: Entrances

Door open time: 1 seconds

Unlock the door during: At no time

☐ Only unlock the door once a user has

Unlock relay 2 during: At no time

Reader 1 | Reader 2 | Alarm | Events | Fire alarm inputs | Multizone Intruder/

**Reader details**

Name: Turnstile (In)

Reader type: Paxton reader

Keypad type: None

Token data format: Default

**Operating mode**

Reader operating mode: ☒ Token only

☐ Timed operating modes

During this timezone: All day, every day

This reader will operate as: ☒ Inactive

Reader action - This is what will happen when a valid access is granted.

**Turnstile mode**

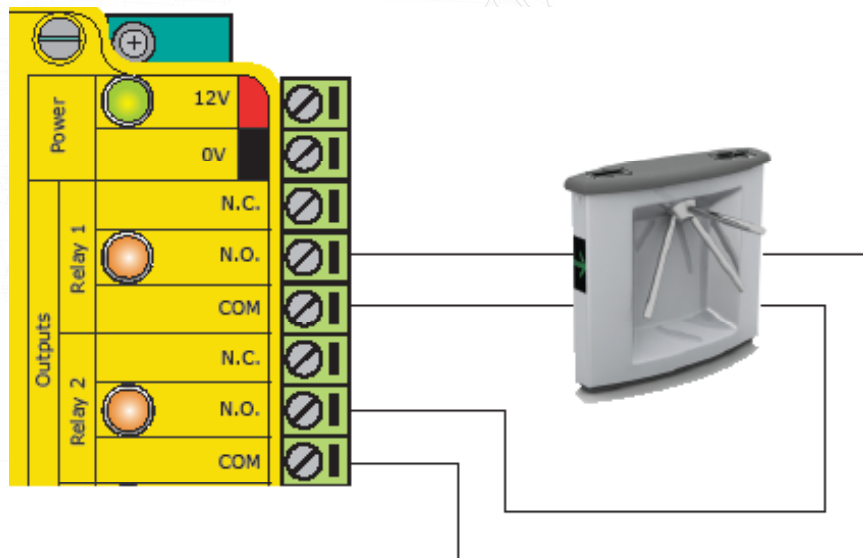
Note: This will prevent any further changes to the reader settings on the 'Reader 2' tab. Once set, it is no longer possible to use the intruder alarm integration with this ACU.

## 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.