



## ***TUS2120D***

### **Principle**

Turnstile for automatic access control, mainly for combination with other controllers, like:

- Only support interface of access control (Default)
- Support ID/IC Card access control system
- Support ID/IC Card + Password access control system
- Support Fingerprint access control system
- Support Ticketing access control system

### **Basic Function**

1. Reposition automatically;
  2. Bi-direction passing;
  3. The three gates always being at the closing state;
  4. The gate turns 120° at a time.
  5. Input Interface: Dry Contact Digital Signal or +12V pulse
- Three passing modes for both in or out:
- Free in & out (without locked);
  - Limited in & out (controlled by access control system);
  - Forbidden in & out (locked & without control by the access control system)

## Installation

- Sleeve foundation
- Finished floor (FFL)
- Sub floor level(SFL)

## Material

Stainless steel glossy

- 304
- 316

## Finish

- Brushed
- Grit satin
- Hot-galvanized
- Powder coated in colors

## Construction

### Turnstile column

Curved bars of stainless steel

### Guiding elements inside & outside

Light metal casing, natural anodized

### Portal frame

Made of steel with space reserved for installations

The housing is lockable

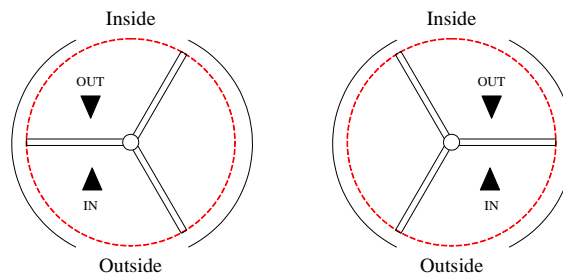
## Drive

- Push to make the gate rotate.
- Optical induction(intelligent):  
The low energy motor drive moves the turnstile column to next home position. The revolving speed is adjustable; a slight manual speed up is possible. If no passage is completed, the release will be cancelled after an adjustable time.

## Operation

### Passage side

- inwards right (Variant A)
- inwards left (Variant B)



### Access

Entry and exit direction electrically controlled

### In case of power failure

Entry direction:

- free
- locked

Exit direction:

- free
- locked

## Electrical data

### Control integrated in the unit

#### Power supply:

- 210~240V AC @ 50/60Hz
- 230V AC @ 50Hz
- 110V AC @ 50Hz
- 100V AC @ 50Hz

Control voltage: 24VDC

IP: IP45/IP55/IP65

#### Control possibilities

Various setting possibilities by PC (RS232) or handheld programming device.

### Release

By means of a potential-free normally open contact, e.g. push-button or card reader.

## Packing

### Three layers packing

- 1: Wooden box
- 2: EPE film
- 3: Paper box

## Structure

### 1: length\*width\*height (mm)

- 2500\*1600\*2300
- (Double revolving doors)
- Client institute

### 2: Pole shape and diameter

- Beeline(shape)
- camber(shape)
- $\varnothing$  38mm
- $\varnothing$  42mm
- Client institute

## OEM & ODM

Support OEM & ODM cooperation

Dimension Figure

