Ivrea Sistemi Srl

STB 002
(Vertical Turnstile)

Parameters:

1. **Power Supply: AC220V±10V ,50Hz / AC110V±10V ,60Hz**
2. **Power Consumption: 100W**
3. **Temperature: -15 to 60 degrees**
4. **Humidity: <95%, without concretion**
5. **Passage Width: 600mm**
6. **Passing Speed: 30 persons/min (normal open), 20 persons/min (normal close)**
7. **Arm Open/Close Time: 2s**
8. **Input Interface: +12V electrical signal or impulse signal with width more than 100ms, drive current >10mA**
9. **Communication Interface: RS485 (Distance: <=1200m)**
10. **Working Environment: Indoors or outdoors with shed**
11. **Arm Turning: Uni-direction or Bi-direction**

Main Functions：

1. **Auto-reposition function: After card read, passengers don't pass within regulated time period, turnstile will be locked automatically**
2. **Bi-direction passing or uni-direction**
3. **When power off, arm will be dropped automatically**
4. **Self-lock function: arm will be locked automatically after passenger passing**
5. **LED passing arrow can show direction to indicate passenger to pass**
6. **Standard interfaces are convenient for connection with different readers which can send relay signal**
7. **RS485 interfaces can connect turnstile with computer directly**
8. **Stable running with little noise**

Material:

○　202 stainless steel
● 304 stainless steel
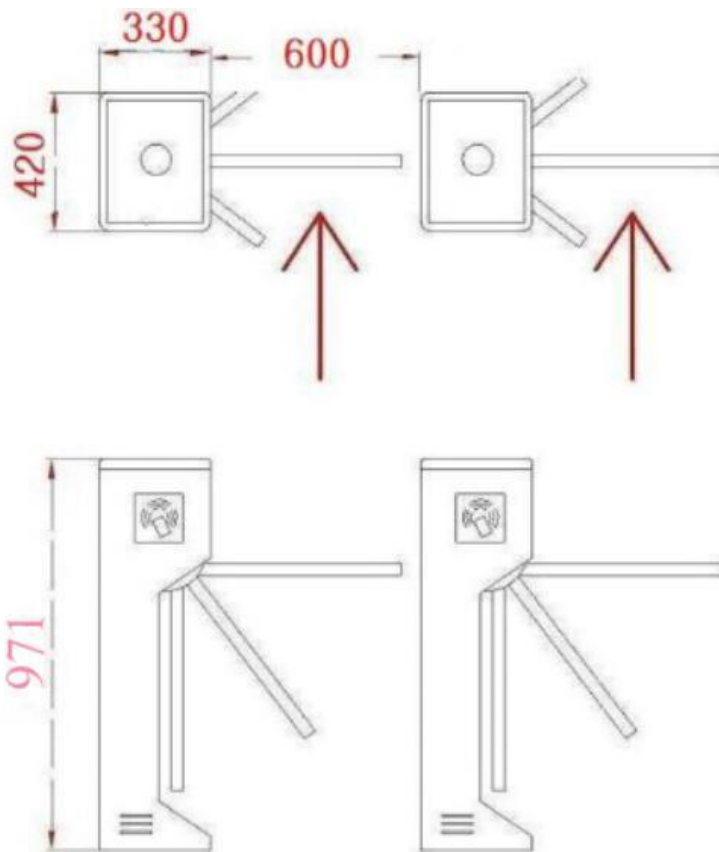○　316 stainless steel

Structure:

1. **Dimension**
   420x330x971mm
2. **Arm diameter**
   - ○ **Φ 32(diameter)**
   - ● **Φ 38(diameter)**
   - ○ **Φ 42(diameter)**
   - ○ **Customer drawings**
3. **Drawings**

Application

● **All places which need to control people in and out.**

Finishing:

- ● **Brushed**
- ○ **Grit satin**
- ○ **Hot-galvanized**
- ○ **Powder coated in colors**

Constructions:

Turnstile column
SS304
Guiding elements inside and outside
Light metal casting, natural anodized
Portal frame
Made of steel with space
reserved for installations

Working principles:

● **Push the arm to make turnstile rotating**

Power supply:

- ● **230V AC @ 50HZ**
- ○ **220V AC @ 60HZ**
- ○ **110V AC @ 60HZ**

Working power: 24V DC

Controlling way:

- ● **Relay signal**
- ● **RS485**