Column Swing Gate
TPW-321ASP

Product Descripton:

- The Swing Gate pursues a combination of artistic and modern elements, and it is very ideal for elegant location.
- The Swing Gate has a wide passage width to accommodate pedestrians, users with luggage or packages, and bicycles.
- The Swing Gate integrates machinery, electronics, microprocessor control and a variety of identification technologies, conveniently compatible with access control systems, bar code cards and biometric equipment.
- The Swing Gate provides a high level of security and high capacity by adopting reliable security protection devices, alarm devices, direction indicators etc.

All-around Personal Safety Protection

- The turnstile opens automatically to evacuate people in the event of an emergency, such as fire, power failure, etc.
- Mechanical anti-clamping functions for protection.
- The gate can be pushed slowly when a sudden impact force is applied beyond the safety range so as to protect the machine and the pedestrian effectively.
- All electric modules are designed to operate under the safety voltage of 24V, and configured with residual current protective device to effectively avoid electric shocks.

Intelligent & Advanced Passageway Security Concept

- Closed loop feedback control system can monitor the gate's movement intelligently, and sensitively detect the behaviors that threaten the passageway safety, such as illegal hitting, reverse passing, and give out alarms through sound, light, etc.
- The turnstile can be also linked with other security systems.

Strong & Stable Control Core

- High-quality DC brushless motor is configured and advanced servo control system is carried to truly achieve precise control, stable performance and maintenance-free.
- Lossless mechanism structure based on German technology is adopted to ensure long lifespan.

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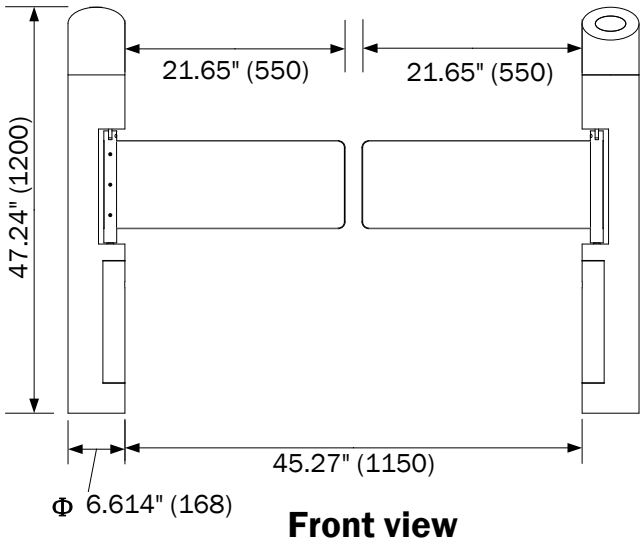
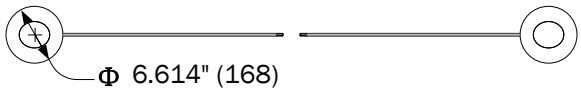
Function Specifications:

- Both directions can be set as controlled mode or free mode.
- NO mode & NC mode can be switched over by users easily & freely.
- **Self-recovery function:** the gate will recover automatically with if passage is not completed within pre-set time (5 seconds default, adjustable by software).
- **Tailgating-detection function**
- **Intruding-alarm function**
- **Anti-pinch function:** protection against finger entrapment and personal injury.
- **Emergency-escape function:** the gates will open automatically by pressing the emergency button which can be remote-controlled whether the power is on or off.
- With interface of relay switch (the dry contact signal or +12V electrical level signal or DC12V pulse signal of pulse width ≥ 100ms, driving current ≥ 10mA), compatible with all kinds of access controllers.
- Each machine can be set by Physical Address (Optional).
- Equipped with free control software for man-machine interface & control command SDK.

Dimension Figure Units: Inches (mm)



Front view



Vertical view

Electric Specifications:

- Power Voltage: AC220V / AC85 ~ 230V
- Operation Voltage: DC24V
- Operation Current: 3A / 5A (Max)
- Driving Motor: Brushless DC motor
- Comm. Interface: RS485 (1CH) / RS232 (3CH); Available to CAN BUS and Ethernet (Optional)
- Control I/O: Relay Out (6CH) / Level Input (4CH)
- Transit Speed: 30 ~ 45 passage / minute
- Temperature: -20℃ ~ 60℃
- Work Environment: Indoor
- Traffic-light Indication

Framework Specifications:

- **Framework:** 304 (Standard) / 316 grade stainless steel
- **Thickness of Ply:** Standard of .059" (1.5mm) Optional .078" (2.0mm)
- **Column Finish:** Brushed surface (Standard) / Optional Polished surface
- **Swing Gate Material:** Stainless steel (Default) / Organic glass (Optional) / Tempered glass (Optional)
- **Passage Width:** Default of 21.65" (550mm) up to 59.05" (1500mm)