

# The Pass-Thru Series

## Waist-High Optical Turnstiles Interior & Exterior Application

PTO100

The Pass-Thru™ Series OPTICAL is our barrier free solution for demanding situations where you want a more open, stylish look. It is made for years of reliable service in high traffic/volume interior and exterior applications when finished with a stainless top. Also, it can feature a designer solid-surface top for interior applications.

Using a non-restrictive method to control traffic flow, these "optical" units are ideally suited for office personnel entrances where the majority of the people enter using an ID card. It allows for rapid pedestrian advancement and barrier free ADA access, while preventing "tail-gating" by those without credentials. The cabinets are constructed of heavy 14-gauge, 300 series satin stainless steel and will integrate with all standard access control equipment.



### Security Across the Globe

*For half a century, Sentronic International has been the trusted name in pedestrian control equipment. From our headquarters in Ohio, the company ships access solutions worldwide – whether your project requires full-height turnstiles, waist-high units, or matching ADA accessible gates we can provide the best available. Crafted in Aluminum or Stainless, our diverse product line offers state-of-the-art technology – from card readers to biometric scanning capability.*



Made in Ohio...  
In-Service World-Wide

### PTO100

**Stainless Top:**  
Interior/Exterior Application

**Solid Surface Top:**  
Interior Application Only



**SENTRONIC® International**

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# The Pass-Thru Series

## Waist-High Optical Turnstiles Interior & Exterior Application

PTO100

### Applications:

This interior/exterior application optical unit features our signature 304 stainless steel construction (No. 4 brushed satin finish) and is ideally suited for office personnel entrances where the majority of people enter using an ID card.

### Product Features:

#### Materials and Finishes:

Units are finished in your choice of:

- Our signature 304 stainless steel

### Design & Construction:

#### Measures:

Height: 38" (965 mm)

Width: 48.25" (1226mm)

Depth: 10.25" (260mm)

- Designed for secure & reliable operation with aesthetics in mind
- Cabinet inner and outer shells and cover are constructed of (14 gauge) 304 stainless steel/ No. 4 satin finish
- Minimal exposed hardware
- Optical sensors provide for passage for up to 30 people/minute
- Visual and Audible annunciation is provided status of passageway (open or closed), indication of valid card read, or alarm condition
- Horizontal graphic arrays (HGAs) solid state/maintenance free

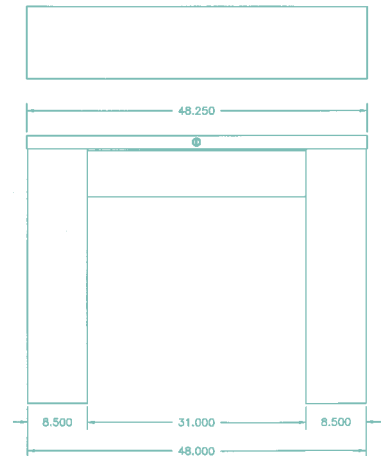
- Optical sensors to prevent unauthorized "crawling" thru lane
- Distinctive tones for valid card and alarm condition with adjustable volume control (82db max)/buzzer sounds on alarm condition
- Power Requirements: power supply input 100/120/220/230/240 VAC 50/60hz output – 24 vdc@ 2 amps per passageway
- Optical Unit measures: 27 1/4" long x 37" high x 8 5/8" wide
- All components are designed by Sentronic® International and made in the USA
- **Stainless Top:**  
Interior/Exterior Application
- **Solid Surface Top:**  
Interior Application Only



### Options:

- Optional console device can remotely monitor and control lane use
- Alarm outputs: n/c, n/o relay rated at 5 amp @ 24 vdc/auxiliary alarm output contacts provided for interface to building access control, fire/life safety, security, CCTV, and monitoring systems

The Pass-Thru is also available as an armed model (PT100) with coin, ticket and scanner capabilities.



### Electrical Specifications:

Command module input 110-240 VAC (2 amp-1 amp) 50-60 Hz; control voltage 24 VDC. All electrical components are UL recognized and CSA certified.

### Standards and Codes:

Austenitic stainless steel:  
ASTM A240, A249, A276  
Hot rolled steel:  
AISI C-1020, AISI C-1018  
Hot dipped galvanizing:  
ASTM A-143, ASTM A-153-80  
Stainless steel fasteners:  
ASTM A-320  
American Welding Society (AWS)  
Standard D 1.1

### Warranty:

Units are warranted against defects in materials and workmanship for a period of one year from date of delivery. See warranty information for specific details.

### ENDURO™ Electronic Control Head

**EA** Controlled Traffic flow both directions

**EB** Controlled Traffic flow one direction, uncontrolled opposite direction

**EC** Controlled Traffic flow one direction, no traffic flow opposite direction

### ENDURO™ Manual Control Head

**MD** Uncontrolled traffic flow one direction, no traffic flow opposite direction

**MF** Uncontrolled traffic flow both directions

**MG** Key controlled each direction



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