

MODEL SU2000-SMALL
SUPERVISOR 2000
BARRIER FREE

OPTICAL TURNSTILES

alvaradomfg.com

Alvarado's small-footprint Supervisor 2000-SM optical turnstiles provide high-throughput, bi-directional (card in/card out) access control, without the use of physical barriers.

Designed for easy integration with virtually any access control/identification system, SU2000-SM turnstiles use infrared sensors to detect movement through the turnstile. When an attempt is made to pass through the turnstile without a valid credential, the lane alarms locally and provides an output for integration with remote alarms, door locks, CCTV, or other devices.

The compact profile and attractive design of the Supervisor 2000-SM make it an ideal solution for facilities with limited installation space.

SU2000-SM barrier-free optical turnstiles are available in single lane and multi-lane versions.

Intuitive color LED's on the top of the cabinet prompt users for card presentation, and provide visual feedback for valid and invalid card scans. State-of-the-art electronics include adjustable tailgate sensitivity and adjustable alarm duration. The SU2000-SM automatically resets if a valid credential is presented but there is no passage through the lane.

Turnstile functionality and operational modes can be controlled using Alvarado's optional GateKeeper software, allowing installed SU2000-SM turnstiles to be configured, monitored and administrated from a single PC.

The design of the SU2000-SM includes a recessed base, attractive satin stainless steel cabinet, and lid fabricated from clear anodized aluminum.



- **Compact Design Saves Floor Space**
- **Attractive Cabinets Suitable for Upscale Installations**
- **Bi-Directional Control**
- **Easy Installation and Systems Integration**
- **Single and Multi-Lane Configurations**
- **ADA Compliant Models**

ALVARADO



SUPERVISOR 2000

DESCRIPTION

MODEL SU2000-SM

OPTICAL TURNSTILES

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PRODUCT NAME

Supervisor 2000 Small Optical Turnstile

APPLICATIONS

Provides bi-directional access control without the use of physical barriers.

PRODUCT FEATURES

Electric

- 110 VAC input stepped down and rectified for low voltage 12 VDC and 5 VDC operation
- Maximum power consumption is 60 watts per lane

Inputs

- Separate momentary dry contact inputs are available via terminal strip to activate "passage allowed" and "passage denied" for both directions of operation
- A momentary dry contact input is provided for alarm reset
- Sustained dry contact inputs are available to open or close a turnstile passage direction

Output Signals

- Separate output signals are provided as feedback for authorized passages, unauthorized passages, verify entry time outs, and violation alarms
- Output signals are available via terminal strip as isolated momentary dry contact, allowing integration with remote alarms, electric door locks, CCTV or other devices

Card Reader / Illuminated Status Display

- Space for externally mounted small form factor proximity card readers (*customer supplied - contact Alvarado for compatibility guidelines*)
- Flush mount turnstile/reader status displays are provided to prompt users for both directions of travel - Yellow icon indicates turnstile and reader are ready for card presentation
- Illuminated green arrow icon shows that card has been accepted and passage is allowed
- Red arrow icon is illuminated when card has been rejected indicating that passage is denied

Built-In Violation Alarm

- Unauthorized entries cause a local alarm to sound for adjustable duration ranging from 2 to 8 seconds, or indefinitely until manually reset
- Alarm also sounds if one or more sensors are obstructed

Adjustable Aborted Entry Reset Timer

- Turnstile resets automatically after a "time-out" period if an authorized passage does not occur
- Time-out period is adjustable

Adjustable Tailgate Sensitivity

- Allowable minimum distance between users (or objects) passing through the turnstile may be adjusted

PRODUCT SELECTION

Standard cabinets are stainless steel polished to a #4 satin finish. Recessed base is black satin powder coat. Cabinet lids are constructed from clear anodized aluminum. Base units consist of two cabinets. Single expansion cabinets with same dimensions as base unit cabinet may be added as needed for multi-lane configurations.

PRODUCT OPTIONS

220 VAC - Unit Accepts 220 VAC input.

Activation Chime - A chime tone to indicate that a presented card has been accepted.

GateKeeper PC Based Software - Allows configuration, monitoring and administration of multiple SU2000 units from a single PC. Allows automatic lane open/closed scheduling and provides log of all configuration/override activity.

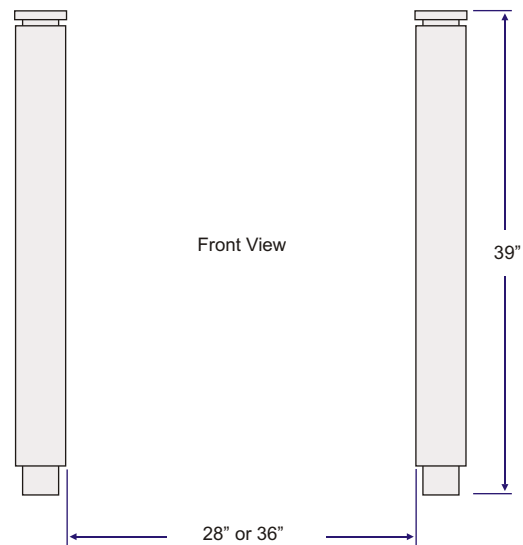
Alternative Finishes - Cabinets are available in color powder coat and brass plated finishes.

WARRANTY

The Supervisor 2000 is warranted for 18 months from the date of shipment against defects in materials or workmanship.



DIMENSIONS



PDS1038R2-2