

### Model SU2000-MED

ALVARADO MFG. Co.

Alvarado's Supervisor 2000 barrier free optical turnstiles are designed for easy integration with virtually any access control/identification system.

The SU2000 provides bi-directional (card in/card out) electronically controlled access, using 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 a remote alarm.

The sleek profile and attractive design of the Supervisor 2000 make it suitable for any upscale installation. An intuitive status display mounted within the top of the SU2000 cabinet prompts users to present their access credentials. An illuminated green arrow icon directs authorized users through the turnstile. When unauthorized credentials are presented, a red stop icon is illuminated.

State-of-the-art electronics include adjustable tailgate sensitivity, adjustable alarm duration, and aborted entry timer.

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

The design of the SU2000 is suitable for upscale facilities. Each unit incorporates a recessed base, attractive satin stainless steel cabinet, and lid constructed from acrylic resin with black or clear anodized aluminum end pieces.

Alternative materials and finishes are also available, including cabinets constructed from various fine woods, with quartz or marble lids.



- ***Suitable for Upscale Installations***
- ***Bi-Directional Control***
- ***Easy Installation and Systems Integration***
- ***Multi-Lane Cabinet Configurations Available***

# ALVARADO

### Model SU2000-MED

### DESCRIPTION

#### PRODUCT NAME

Supervisor 2000 Medium 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

##### Activation 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, aborted 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

- Accepts internally mounted small form factor proximity card readers (*customer supplied - contact Alvarado for list of compatible readers*)
- 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 stop 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 until manually reset
- Alarm also sounds if one or more sensors becomes 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 consist of a center piece constructed from Samsung Staron® acrylic resin in Sanded Onyx, plus two anodized aluminum end pieces. 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

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

**Rejection Beeper** - A beeper to indicate that an "unauthorized" card has been presented.

**Crawl Detection Sensors** - Additional optical sensors are provided to enhance the range of detection and prevent individuals from obtaining unauthorized passage by crawling through the SU2000 turnstile lane.

**Open / Closed Lane Overrides** - Key override installed on turnstile or remotely, allows operators to "open" or "close" one or both directions of passage. Separate overrides required for each direction of passage.

**Open / Closed Status Lights** - Large green/red LED indicators flush mounted within cabinet end panels show open/closed status of lanes. Separate indicator displays are required for each direction of passage.

**GateKeeper PC Based Software** - Allows configuration, monitoring and administration of multiple SU2000 units from a single PC. Provides log of all configuration/override activity.

**Alternative Cabinet Materials and Finishes** - Cabinets may be constructed from a variety of fine hardwoods or commonly available laminate materials.

**Alternative Lid Colors and Materials** - Center lid pieces may be ordered in alternate colors of Samsung Staron® acrylic, as well as Dupont Zodiaq® quartz material. Natural marble is also available.

#### WARRANTY

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

