

# MODEL SU4000 SUPERVISOR 4000 SLIDING BARRIER

# OPTICAL TURNSTILES

alvaradomfg.com

World-class design and unparalleled functionality make Alvarado's Supervisor 4000 the right choice for high end entry control.

The SU4000 takes optical turnstiles to a new level with the seamless integration of highly reliable mechanics, cutting edge electronics. Highly intuitive control software allows the end user to create, run and integrate custom messages, video and audio into their access control environment.

The SU4000's high resolution LCD display can be used to greet guests, remind personnel of daylight savings time or provide notice of an important meeting. Both messages and sounds can be personalized and easily changed using the GateKeeper configuration utility. It is as simple as uploading a graphic or .wav file from a PC.

The SU4000 communicates with the optional GateKeeper user application through TCP/IP protocol. Use of this modern communication protocol eliminates special cabling needs and facilitates the communication of alarm conditions and lane information over an Ethernet network. TCP/IP also provides a connectivity platform for future services, such as remote hardware management, or an interface with existing or future building systems.

Mechanically, the SU4000 is flawless. Smooth, quiet, and most of all, reliable.

The SU4000...the clear choice for high end facility entry control.



- **Recessed, Color LCD Display**
- **Users Can Customize Audio and Video**
- **Quiet, Highly Reliable Operation**
- **Beautiful Cabinetry Accentuates Facility Design**
- **Superior Tailgate Detection**
- **Easy Installation and System Integration**

# ALVARADO



## APPLICATION

Bi-directional access control at indoor access control points.

## FEATURES

### Interactive

- Interactive features allow user to customize sounds, graphics and notifications

### Electrical

- 110 VAC input stepped down and rectified for low voltage

### Barrier Modes

- Normal Mode - Barriers open to allow passage in authorized direction, otherwise panels remain closed
- Optical Mode - Barriers remain open at all times

### Safety

- Fail safe operation opens barriers upon loss of power
- Safety sensors prevent barriers from closing on personnel or objects

### 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, select barrier mode, or open barrier panels for fire alarm or other life safety system

### Output Signals

- Separate feedback signals are provided for authorized and unauthorized passage, overrides and violation alarms
- Output signals are available via terminal strip as isolated momentary dry contact, allowing integration with remote alarm systems, electric panel locks, CCTV or other devices

### Card Reader / Illuminated Status Display

- Accepts internally mounted, small form proximity card readers (*customer supplied - contact Alvarado for guidelines*)
- Color LCD screen gives pedestrian customized visual prompts and messages in entry direction

### Built-In Violation Alarm

- Unauthorized entries cause alarm to sound for a user defined duration, or until manually reset
- Sensor matrix detects individuals attempting to "tailgate" directly behind an authorized user
- Alarm also sounds if one or more sensors becomes obstructed

### Open / Closed Lights

- Large Green/Red LED indicators flush mounted within cabinet end panel show open/closed status of lanes

### Adjustable Aborted Entry Reset Timer

- Turnstile resets after a user defined "time-out" period if an authorized passage does not occur

### Adjustable Tailgate Sensitivity

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

## PRODUCT SELECTION

Standard cabinets are stainless steel polished to a #4 satin finish. Cabinet lids are constructed from Livingstone acrylic resin in Starry Night black. Base units consist of two cabinets. Single expansion cabinets with the same dimensions as a base unit cabinet may be added as needed for multi-lane configuration.

## PRODUCT OPTIONS

**Barrier Panel Etching** - Customer's choice of logo may be etched on the glass barrier panels.

**Glass Barrier Height / Width** - Glass barriers can be ordered in high or low height and standard or ADA widths.

**Alternative Lid Colors and Materials** - Lids may be ordered in alternate colors, as well as natural stone.

**GateKeeper PC Based Software** - Allows configuration, monitoring and administration of multiple Supervisor optical turnstile units from a single PC. Allows automatic scheduling of operational changes and provides a log of all override and alarm activity. Communication via TCP/IP.

**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.

**220 VAC** - Unit accepts 220 VAC input.

## WARRANTY

The Supervisor 4000 is warranted for 18 months from the date of shipment against defects in materials or workmanship.

## DIMENSIONS

