

# MODEL SU4000 SUPERVISOR 4000 MOTORIZED BARRIER OPTICAL TURNSTILE

# OPTICAL TURNSTILES

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

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

The SU4000's high resolution TFT 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.



Screen displays & sounds are user definable

- **Color TFT Monitor**
- **Allows Users to Customize Video/Audio**
- **TCP/IP Communication**
- **Quiet, Highly Reliable, Operation**
- **Beautiful Cabinetry Accentuates Facility Design**
- **Superior Tailgate Detection**

# ALVARADO



# SUPERVISOR 4000<sup>OPTICAL TURNSTILE</sup>

DESCRIPTION      MOTORIZED BARRIER

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## PRODUCT NAME

Supervisor 4000 - Glass Panel Optical Turnstile

## APPLICATIONS

Indoor bi-directional optical access control with motorized glass barrier panels.

## FEATURES

### Interactive

- TFT color display in entry direction allows users to easily display custom graphics
- Interactive features allow customized sounds and notifications

### Electric

- 110 VAC or 220 VAC input stepped down and rectified for low voltage operation

### Barrier Panel Modes

- Normal Mode - Glass panels open to allow passage in authorized directions, otherwise panels remain closed
- Optical Mode - Panels remain open at all times

### Safety

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

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

### Output Signals

- Separate feedback signals are provided for authorized and unauthorized passages, aborted entry, 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 / Status Display

- Accepts internally mounted small form factor proximity card readers (*customer supplied*)
- Color TFT display provides user customized visual prompts and messages in entry direction
- Flush mount status display is provided for exit direction

### Built-In Violation Alarm

- Unauthorized entries cause a local alarm to sound for user-defined duration, or until manually reset
- Sensors are able to detect individuals attempting to "tailgate" directly behind an authorized user to avoid detection
- Alarm also sounds if one or more sensors becomes obstructed

### Open / Closed Lights

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

## FEATURES (continued)

### Adjustable Aborted Entry Reset Timer

- Turnstile resets 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 Livingstone™ acrylic resin in Starry Night black. Base units consist of two cabinets.

## PRODUCT OPTIONS

**GateKeeper PC Based Software** - Security enabled application allows configuration, monitoring and administration of multiple Supervisor Optical Turnstile units from a single PC. Provides log of all configuration/override activity.

**Communication** - TCP/IP Communication between the SU4000 & Gatekeeper.

**Event Scheduling** - Gatekeeper includes an event scheduler function which allows the automatic scheduling of configuration changes.

**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.

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

## WARRANTY

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

## DIMENSIONS

