

MODEL SU500
SUPERVISOR 500
BARRIER FREE

COUNTING TURNSTILES

alvaradomfg.com

Alvarado's Supervisor 500 barrier-free optical counting turnstiles offer extreme reliability and provide highly accurate patron counts.

Designed for use with our GateWatch counting software, or as a stand-alone turnstile with local counters, the SU500 uses multiple infrared sensors to detect and count people entering or leaving a facility or area.

The SU500 can differentiate between people, and objects that shouldn't be counted, such as umbrellas, bags or walkers.

Because they are barrier-free, SU500 turnstiles offer a much higher throughput than conventional turnstiles.

Supervisor 500 turnstiles are normally installed with a standard recommended passage width of 26", which provides the most accurate patron counts. Units may also be installed with passage widths of up to 36" to allow stroller or wheelchair access.

Ordering options include single lane or multi-lane configurations with shared center cabinets. Single-lane portable models with base plate and daisy-chain power /communication ports are also available.

SU500 cabinets feature a black powder coat base with satin stainless steel outer panels and anodized aluminum lid. Outer panels may also be ordered in a powder coat finish.



- ***Bi-Directional Patron Counting***
- ***Highly Accurate***
- ***Extremely Reliable***
- ***Single or Multi-Lane Configurations***
- ***Available as Fixed or Portable Units***

ALVARADO



SUPERVISOR 500

DESCRIPTION

BARRIER FREE

COUNTING TURNSTILES

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PRODUCT NAME

Supervisor 500 - Barrier Free Optical Counting Turnstile

APPLICATIONS

Provides highly accurate, bi-directional patron counts. Optimized for use with Alvarado GateWatch computerized counting system, but may also be used in stand-alone configurations when equipped with optional local counters installed in cabinets.

PRODUCT FEATURES

Electric

- 110 VAC input stepped down and rectified for low voltage 12VDC & 5 VDC operation
- Maximum power consumption is 10 watts per lane

Output Signals

- Provides two separate count signals in the form of relay outputs for each direction of operation
- Dry contact signal outputs are available via terminal strip connection
- An additional count output is provided for each direction of operation for local counters



SU500
Portable
Configuration

The Supervisor 500 is available as a portable model, with power and communication ports included on both sides of the turnstile to make it easy to daisy chain multiple units.



SU500 OPTIONS

Portable Turnstile Option - Single lane configuration of the SU500 available in 26" or 36" passage widths. Cabinets are mounted on a portable base plate. This option also includes power and communication ports on each cabinet for daisy-chain connection of multiple turnstiles.

Multi-Lane Shared Center Cabinet Configuration - SU500 turnstiles may be ordered with shared center cabinets that allow multiple counting lane configurations. Center cabinets house the infrared transmitters of one lane and receiving infrared sensors for the adjacent lane.

Local Counters - Lithium battery powered counters are mounted within the turnstile cabinet to provide a local count of patron passages. A counter may be installed for each direction of passage. Resettable and non-resettable counters are available.

GWCB Controllers - Allows SU500 turnstiles to communicate with GateWatch counting software via standard ethernet network. Provides connections for up to 10 bi-directional or 20 single direction SU500 turnstile lanes.

GateWatch - PC based counting software provides patron counts for entertainment facilities. All patron entries and exits are shown on screen in real time. GateWatch includes a number of standard reports, and allows export via standard ASCII file.

WARRANTY

Alvarado's one-year written warranty applies to all products.



SU500
Multi-Lane
Configuration

Adjustable Violation Alarm

- Turnstile lanes may be set for only a single authorized direction of passage
- Turnstile may be configured to sound an internal alarm when a passage attempt is made in the unauthorized direction
- Alarm duration is adjustable via DIP switch from 1/2 to 2 seconds

Tailgate Detection

- Units are designed to detect tailgating
- Sensitivity is adjustable via DIP switch

Counting Accuracy

- SU500 turnstiles have been certified for counting accuracy by a number of state gaming commissions - contact Alvarado for certification details

