

### The Proven Alternative In Patron Counting!

SUPERVISOR 500 optical counting turnstiles provide a *highly* accurate, barrier-free count of patrons or spectators. The SU500 distinguishes the direction of patron travel and separately tracks entrances and exits.

The lanes use multiple infrared sensors to distinguish between objects that should be counted, and objects that should not be counted (umbrellas, walkers or small bags). Sensors also detect *tailgating* and quickly or slowly moving patrons.

Because they are barrier free, SU500 turnstiles have a much higher throughput rate than conventional turnstiles. Customers, especially the elderly, appreciate the absence of a physical barrier.

The standard lane passage width is 22" (6" wider than conventional turnstiles). ADA compatible lanes with a 36" passage width are available.

There are two models of SUPERVISOR 500 optical turnstiles. The standard SU500 is designed for use indoors, or outdoors if the lanes are protected from direct weather. The SU500CL is used for installation in direct weather, or when a center lane configuration is desired.

Both models are attractively designed. Available in smooth or textured baked-on polyester color powder coat or satin stainless steel.

**Standard cabinet dimensions:** SU500 - Height: 38.75", Cabinet Width: 3.5", Depth (front to back) 12.25".

SU500CL - Height: 37.25", Cabinet Width: 3.0", Depth (front to back) 17.25".

- Barrier-Free Patron Counting
- Highly Accurate
- Extremely Reliable
- Fast Throughput
- Comfortable Patron Passage Width



Supervisor 500CL - Stainless Steel Finish

### DESCRIPTION

#### **PRODUCT APPLICATION**

SUPERVISOR optical turnstiles are used in applications where detecting or counting people is required.

#### **COUNTING METHODOLOGY**

The barrier free SU500 family of optical counting turnstiles use multiple infrared sensors to detect and count people entering a facility or area. The sensors determine the direction of pedestrian travel and register a count output signal as either an entry or exit.

#### **OUTPUT DATA**

Counting data are transmitted to a host PC running Alvarado's GateWatch counting software. GateWatch provides real time and historical information for all entrance, exit and in venue activity.

**Counter Display Incorporated Into Individual Lanes** - A digital battery-operated counter is recessed into the lane and provides an LCD readout of counts.

Bi-directional counting requires two counters per lane, one for entry and one for exit. Non-resettable or key resettable counters are available.

**External Counter Display** - Counts are output to a resettable external counter display.



Supervisor 500CL - Textured Grey Powder Coat Finish.

#### **INSTALLATION OPTIONS**

**Permanent Installation** - Turnstiles are permanently installed into solid flooring or concrete.

**Permanent Installation Using Shared Center Cabinet** - (SU500CL only) Shared center cabinets contain the receiving sensors of one lane and the transmitting sensor of the next (See above).

**Portable Installation** - Each turnstile is placed on a specially designed portable base plate. If GateWatch software is used communication and power may be "daisy chained" from one turnstile to the next (See inset above right).



SUPERVISOR 500 - Portable Base With "Daisy Chain" Power and Communication Cabling. "Weathered Iron" Textured Powder Coat Finish.

#### **OTHER OPTIONS**

**Alarm** - An alarm is used to "signal" passage in either direction.

**Outside Installation** - The SU500CL may be permanently installed outside in direct weather. With an optional weather package the SU500 may be permanently installed in a covered outside environment. Portable SU500 s may be used outside only on a temporary basis.

**Wheelchair Access** - For wheelchair access an optional 36" wide baseplate may be ordered.

#### **FINISH**

**Baked - On Polyester Powder Coating** - Available in a variety of colors and textures suitable for outdoor applications.

**Satin Stainless Steel** - 304 satin finish stainless steel.

#### **TECHNICAL DATA**

**Power Requirements** - 110VAC (or 220VAC as required). GFI protected, internal components are low voltage.

**Wiring To Host PC** - (GateWatch software)

A communication cable runs from each turnstile to a controller. The controller communicates with the host PC through a serial connection or over an Ethernet network.

**Wiring To External Count Display** - A communication cable runs from each turnstile to the count display. If in venue counts are required, a communication cable runs from each turnstile to a controller, then to the count display.

#### **WARRANTY**

A one-year warranty applies to all products. Extended warranties are available.