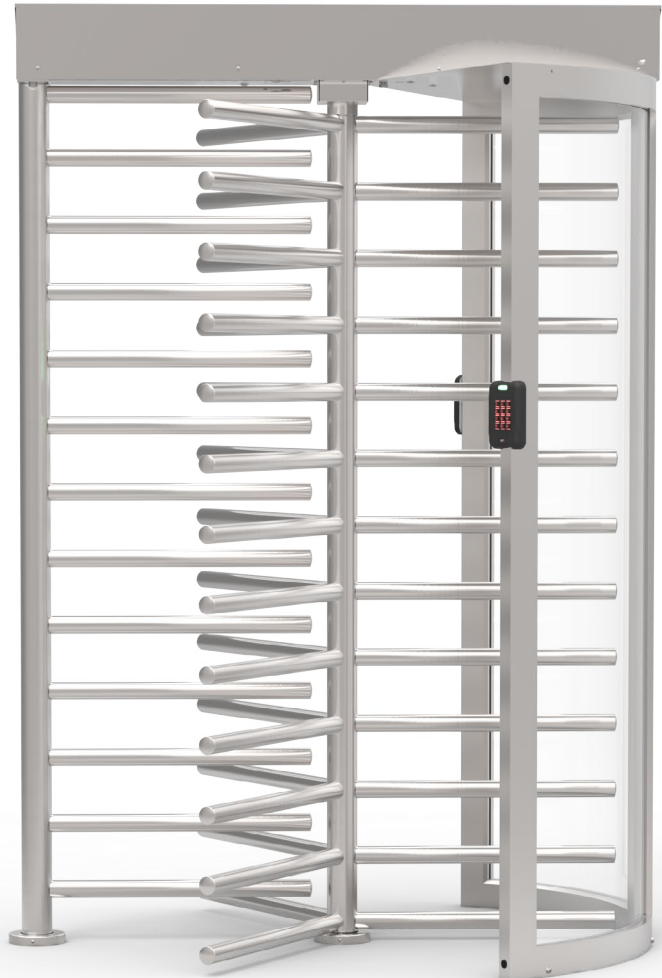


# CLST

## Full Height Turnstile

The CLST has all the key features of our industry standard MST turnstile, plus a clear side panel that provides a less industrial look.



### COMMON APPLICATIONS

- Perimeter Control/Fence Line Security
- Time and Attendance Integration
- Loss Prevention
- Employee and Visitor Access Control
- Unmanned Point of Entry
- Single Direction Control and/or One-Way Exiting

### TYPICAL INSTALLATION SITES

- Military Installations
- Refineries and Power Distribution Centers
- Ports, Harbors and Airports
- Correctional Institutions
- Manufacturing and Distribution Centers
- Sports Parks, Arenas and Stadiums

Descriptive Specification

CLST Full Height Turnstile

Electrical	Description	
UL Rated Transformer	110-120VAC, 60 Hz or 220-240VAC, 50 Hz (optional)	
Power Requirements	Maximum power consumption is 65W per turnstile with all available electrical options.	
Operational Voltage	Primary power is stepped down and rectified for low voltage 12VDC/5VDC operation.	
On/Off Switch	An on/off switch is located on each power junction box inside the CLST-6X top channel. A visible green LED is illuminated on the TCB when the power is "on".	
Surge Protection	The TCB uses Transient Voltage Suppressor (TVS) devices to provide superior lightning and surge protection. The TCB is rated to 500A (6kV) for lightning and industrial surges (per IEC 61000-4-5). Protection against ESD is provided (per IEC 61000-4-4). Control signal lines are protected by bi-directional TVS devices up to 600W per input.	
Turnstile Control Board (TCB) Weatherization	The TCB is conformal coated to protect electronic circuitry from environmental damage.	
Bi-Directional Solenoid Drivers	Each TCB provides one solenoid driver per rotation direction.	
Weights and Environmental		
Product Weight	520 lbs.	236 kg
Shipping Weight	720 lbs.	327 kg   Includes weight of shipping crate(s)
Operating temperature	-20° to 150° F	-29 to 66° C
Storage Temperature	-30° to 160° F	-34 to 71° C
Relative Humidity	0-90% (non-condensing)	--

**WARRANTY**

For a period of one year from the date of shipping, Alvarado will replace or repair, at Alvarado’s option, any products or parts which are defective in materials or workmanship, provided recommended installation and maintenance procedures are followed. This warranty is void if damage is due to improper installation, maintenance or use. This warranty is limited to parts only, and does not cover labor or shipping charges incurred in connection with the removal or replacement of warranted products or parts.

This warranty is expressly made in lieu of any and all other warranties, expressed or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose. Alvarado shall not be liable for any loss or damage, directly or indirectly, arising from the use of purchased products. In no event shall Alvarado be liable to buyer for consequential damages, special damages, incidental damages, loss of use, business interruption, loss of profits, or damages of any kind arising out of the use or inability to use a purchased product. In NO event shall Alvarado be liable for damages which exceed the purchase price of a covered product.