



## Electronic Tripod Turnstile PL02



**Universal design** - modern shape, suitable for numerous tasks, in almost any environment

**Safe** - in case of emergency the dropping arm function automatically releases a magnetic lock which drops the upper arm of the turnstile

**Reliable & Durable** - robust mechanism with an elegant and clean surface

**Durable and reliable design.** These are the characteristics of our tripod turnstile family that makes it an ideal access control solution regardless of the installation environment. The device ensures a convenient and safe access in sport facilities, and industrial areas too. It is equipped with **bi-directional control, signal lights, and automatic dropping arm.**

### FEATURES

#### Bi-directional turnstile

The PL02 tripod turnstile is designed for applications where robust and reliable access control is a requirement but with limited space.

#### Universal design

Through its modern shape and reliability, it is suitable for numerous tasks, in almost any environment. Like office buildings, sport facilities, or industrial areas. It has a bi-directional control system, the arms can be adjusted for free movement per passing direction.

#### Safe

In case of emergency the dropping arm function automatically releases a magnetic lock. It then drops the upper arm of the turnstile from a horizontal position into a vertical one which allows for a clear lane for emergency evacuation. It can be triggered by a security and fire alarm system, emergency button or a power supply unit.

#### Reliable & Durable

Under the elegant and clean surface hides a robust mechanism, which fulfill the need for the entry system to be always available. Durable, corrosion-resistant, heavy-duty mechanism for extended service life. Non-removable stainless steel arms to prevent vandalism.

#### Silent and shock-free operation

Thanks to the self-regulating hydraulic shock absorbers that cushion the movement of the tripod, the operation is silent, shock-free and the tripod slows down progressively.

#### System integration

Can be integrated with any access control or token system through dry contacts.

### KEY BENEFITS

- Highly Cost Effective
- Reliable electromagnetic locking mechanism
- Mechanical tripod with compact footprint
- Stainless Steel finish
- Drop Arm for Emergency Exit
- Integrates with most Ticketing, Membership and Access Control Systems

### APPLICATIONS

- Schools, universities and colleges
- Sports centers, Cultural or entertainment venues
- Industrial and manufacturing facilities
- Office buildings, head offices, administrative sites
- Attractions and Transport Facilities
- Ports and harbors
- Museums and libraries
- Hospital and Medical Institutions

**The PL02 tripod turnstile** is a new tripod turnstile with stainless covering developed for access control system. The Bi-directional turnstile is suitable for any entrance systems. It is possible to select uni-directional or bi-directional mode. A great advantage of this turnstile is the price. The PL02 turnstile is specially designed for environments where the main demands are minimal dimensions together with keeping high parameters as are large throughput capacity, easy and quick person identification, high product quality and reliable operation.

**Modern design and high-quality surface** treatment make possible to install turnstile PL02 turnstile into the interior or exterior without the direct weather attack. Modern control device provides easy setting of its own turnstile operating mode and at the same time ensures the communication with different types of identification and signaling devices.

**Mechanical drive unit** eliminates the use of expensive electric motor and reduce maintenance cost. Lock mechanism is based on heavy duty solenoid to ensure longer life time and lesser maintenance. Turnstile can be configured to be bi-directional or uni-directional. Built in adjustable tension spring to control auto-rotate force of arm and minimize auto-rotation.

**Anti-tailgating.** Smart lock mechanism uses limit switch to detect rotation and effectively re-lock back after 1 person pass through. Also supports time delay 5 sec, 10 sec, 15 sec and 60 sec.

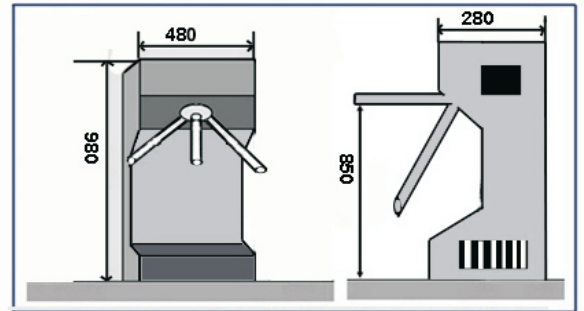
## PL02 Datasheet

Passage width	500mm
Throughput rate	40 persons/minute
Power supply	220~240VAC
Operational voltage	8~24VDC
Max. power consumption	10W
Frequency	50~60Hz
Protection level	IP44
Working temperature	-25°C ~ +70°C
Electro-magnetic drive	DC
Dimension excluding bars	280 x 480 x 980mm
Net weight (inc. bars)	70kg
Operation test	>3mill. passes for electro-magnetic drive
Protection	Overheat protection for electro-magnetic drive Overload protection for electro-magnetic drive
Housing	Stainless steel AISI 304
Barrier arms	Stainless steel AISI 304
Anti-Panic function	Yes, barrier arms drop for emergency exit
Remote control panel key	Yes, overrides control for emergency situations
Time out delay	Adjustable, operating modes
Passage direction	Single and Bi-directional
Application	Indoor and Outdoor
Anti-tailgating	Yes, time delays also supported

## Standard Cable specifications for:

Ethernet	100m (300 feet) Category 5 cable
Wiegand	150m (500 feet) 9-conductor, stranded, overall shielded 22 AWG
Input Circuits	150m (500 feet) 2-conductor, shielded, 22 AWG 18 AWG
Output Circuits	150m (500 feet) 2-conductor, shielded, 22 AWG 18 AWG
RS-232	15m (50 feet) 9-conductor, stranded, 22 AWG
RS-485	15m (50 feet) 9-conductor, stranded, 22 AWG

## Dimensions



## Similar products



Tripod Turnstile PL01



Full Height Turnstile PL531



Electro-mechanical Blocker PBL01 for parking lots



Automatic Barrier PBL106

## Compatible products



[Multifunctional Intelligent Controller iCON160](#)



[13.56 MHz MIFARE Classic ISO 14443 A RFID card S50](#)



[13.56 MHz Mifare Proximity Card Reader HEL-MFR34](#)



[125 kHz ASK \(EM\) Proximity Card Reader HEL0003 Black](#)



[Single or Double Door Access Controller Panel iCON120](#)



[125 kHz ASK RFID card \(EM4102 compatible\)](#)



[13.56 MHz Mifare Proximity Card / PIN Reader SRKA300](#)



[125 kHz ASK \(EM\) Proximity Card Reader HEL0005-White](#)