2014

3-ARM (DROP ARM) TURNSTILE

Model: 1100 Series (Drop Arm) 3 ARM TURNSTILE.

Product Descriptions:

When power off, it will be dropped the arm to the request of fire protection (default) or free pass Mode (option). When the power is on again, the arms can also lift by hand.

The equipment is integrated with delicate mechanical transmission, microprocessor control, and various read/write techniques. It can be used for intelligent control and management of the passage after equipped with different read/write devices.

The system is provided with a standard electric interface and is easily integrated into the equipment with read/write facilities such as magnetic card, bar code card, ID card and IC card. As a result, an orderly and civilized passage is provided for the personnel in and out, and illegal personnel can be barred. At the same time, a special fire control interface is equipped in the system to meet the requirement of fire control passage, so that a rapid down rod control may be realized in emergency for.
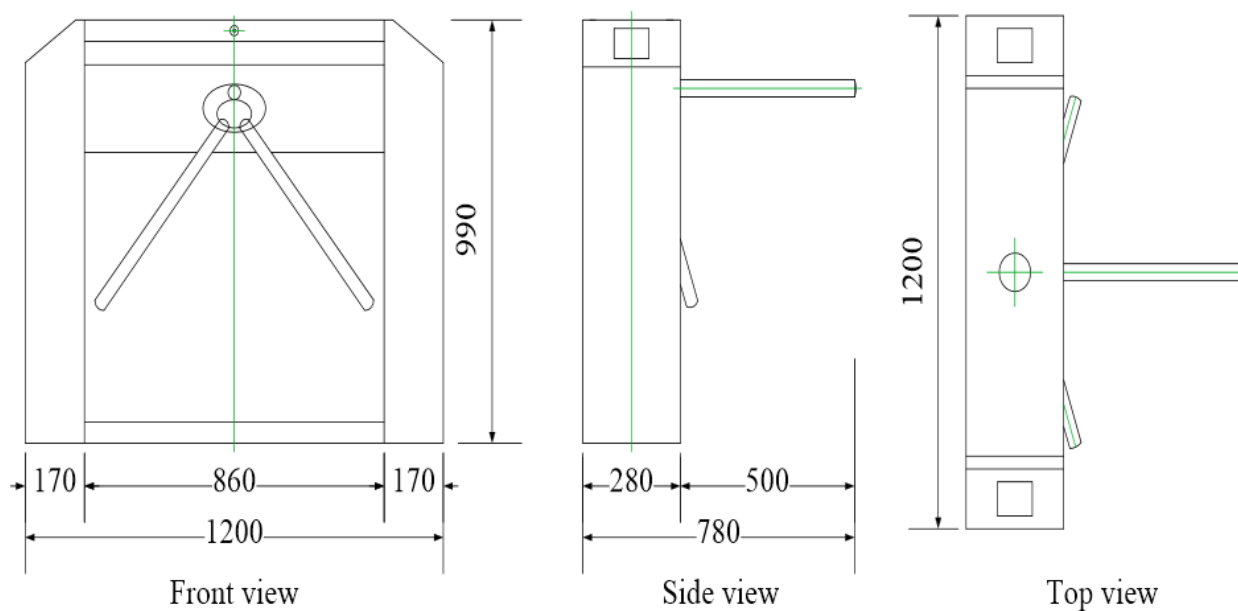
APPLICATIONS:

Typical areas of application are: office building, governmental buildings, banks, hotel, super market ,and park.
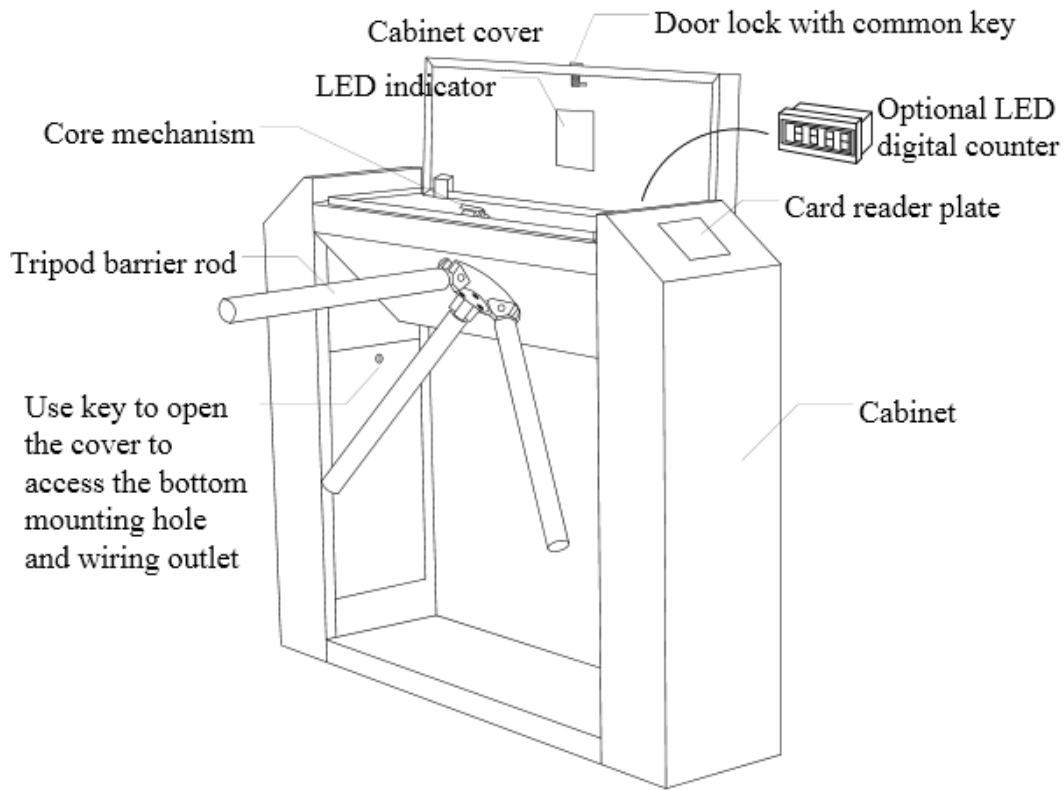
FUNCTION SPECIFICATIONS:

- Both directions can be set as controlled mode or free mode
- Reset automatically: Go signal will be cancelled if passage through is not completed within pre-Set time. The standard default is 5 seconds (time adjustable by software).
- When power off, it will be dropped the arm to the request of fire protection (default) or free pass mode.
- Anti-backup function to prevent reverse rotation once the mechanism has move 60 degree from home.
- Optional indication of outside LED counter.
- With interface of switch of relay, compatible with all the access controller.
- Alarm time and numbers adjustable; With RS232/ RS485; Extendable with CAN BUS and Ethernet.
- Anti-backup function to prevent reverse rotation once the mechanism has move 60 degree from home.
- Equipped with free control software for human –machine interface & control command SDK.

FRAME WORK- SPECIFICATIONS

- Framework: 304(default) /316 Grade Stainless Steel.
- Thickness of ply: 1.5mm (default)/ 2.0mm.
- Finish: Brushed surface (default)/ polishing surface.
- Shell' size: 1200*280*990mm (Standard).
- Arm's length: 500mm; Arm diameter: 38mm.
- The maximum tolerance of the pole: 70 Kg.
- Working driving force of the pole: 3Kg.
- The inductive card reader dimension: equipped with the standard mounting brackets, or tailor-
- Made.

DIMESNION SPECIFICATIONS

Front view   Side view   Top view

INSTALLATION DIAGRAM

Cabinet cover

Door lock with common key

LED indicator

Core mechanism

Optional LED digital counter

Card reader plate

Tripod barrier rod

Use key to open
the cover to
access the bottom
mounting hole
and wiring outlet

Cabinet

ELECTRIC- SPECIFICATION

- Machine center: Germanic technological motor
- Operation voltage: 110~220V AC(50/60Hz)
- Driven motor: Brushless & slotless DC motor
- Main-board voltage: DC 24V
- Interface: one standard port-RS232, available to connect with external CAN & Ethernet interface.
- Control panel with count and LED digital function.
- Transit speed: 30~40 persons per minute
- Temperature: -20 ℃ degree to 60 ℃
- Emergency and Traffic-light function
- Working Environment: Indoor/Outdoor

STANDARD ACCESSORIES AND OPTIONAL EXTRAS

Alternative Materials, Finishes and Custom Design

- Top material can be supplied to suit customer requirements.
- Finish and color optional.

Access control system integration (Please refer to our Access control system of C-L2000 or C-T2000)

- Integration of customer supplied readers inside.
- Card reader Pedestals

Ticket system integration

Status Lights

- LED display Status Lights flush mounted within the turnstile top, top face. The Green badge symbol is continuously illuminated indicating passage is available. Upon authorization a Green arrow will illuminate in the direction of passage authorization while in the opposite direction a Red Cross symbol will illuminate to indicate the unit is not available for use or is already in use.

Push Button Control

- Simple remote Push Button by wireless console
- Single push-button casework or top mounted
- Remote console to specific requirements

Usage Counters

- Electro-mechanical, re-settable or non-re-settable counters outside

Mechanical Operation

- Non-electrical unit allowing free movement in one direction-reverse direction locked