Fully Automatically Tripod Turnstile for Access Control and Passenger Separation

Fully automatically tripod turnstile controls pedestrian access between public and secure areas.

Tripod turnstile system is provided with a standard electric interface and can easily integrates the common 3rd party equipment with read facilities, such as access control system, barcode scanner, card reader, time & attendance system, card collector, biometric system, consumption system, ESD system and fare collection system, etc.

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.

When power failure, it will drop arm to the request of fire protection. When the power is on again, the arms can also lift automatically. Automatic motor driven turning after reception of release signal by gentle hand touch.
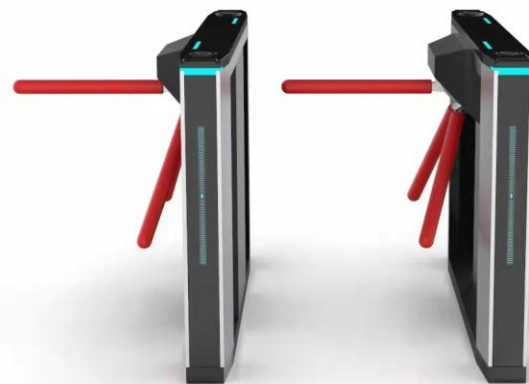
EXAMPLES OF CONTROL UNITS *

HQTT1032
Fully Automatically Tripod Turnstile

➢ Extensive functions and intuitive operation
➢ Simple integration of all common access control systems
➢ Drop-arm mechanism permits passage during power outages or alarms
➢ Designed for 7 million opening and closing actions

TECHNICAL SPECIFICATION	TT1032
Unit classification	Fully Automatic
Housing material	Brushed SUS 304 stainless steel
Housing Dimensions	L1600*W150*H980 MM
Arms material	304 stainless steel
Arms diameter	38mm
Arms width	500mm
LED direction indicator	yes
Passageway width	550mm
Orientation	Single or Bi-Directional
The max tolerance of the pole	40Kg
Drive	Motorized
Voltage	AC220V±10%, 50Hz±10%
Logic Voltage	24VDC
Motor	24VDC brushless motor
Opening/closing time	0.2 second
The time required to running state after power on	10.0 seconds
Input port	Relay contact signal or level signal
MTBF	7 millions
Communications port	RS485 electric standard, communications range: ≤1200m.
Flow Rates	30 persons/min
Relative humidity	5% ~ 90% not condensed
Working Environment	Indoor or outdoor
Temperature range	from -15 °C to 60°C

CUSTOMIZED FEATURES:

✧ Customize non-standard application according to the needs of users
✧ Reader integration
✧ Access Control System Integration
✧ Visitor System Integration
✧ Camera system integration
✧ Wireless remote control button

OPTIONS

Housings	Customer-specific adaptations
Special colors	On request
Reader mounting	On request
Drop-arm	Yes

POTENTIAL APPLICATIONS

Building Sites	Parks
Museums	Hotels
Retail outlets	factories
Railway Terminals	Loss Prevention

FEATURES & FUNCTIONS

Optional direction indication of Mulit LED

Operation: on receiving a signal from the access control system or push button, the arms unlock to open.

Fire alarm: Input facility, for voltage-free contact supplied by others to effect fail state.

Reset automatically function: Go signal will be cancelled if passage through is not completed within pre- set time. The standard default is 10 seconds

Drop-arm function: the arm can drop automatically, when the power is failure or fire alarm release.

Auto-lift-arm function: when the power on again, the arm can also lift automatically.

Integrated pulse counter with separate counting for both directions (optional)

With interface of dry contact relay, compatible with all the access controller

Equipped with free control software for man-machine interface & control command SDK.

Through the management computer to realize remote control and management.

Audible signals for pass through notification.

OPERATION MODELS

Tripod turnstiles provide bi-directional access control, each direction may be in one of three states:

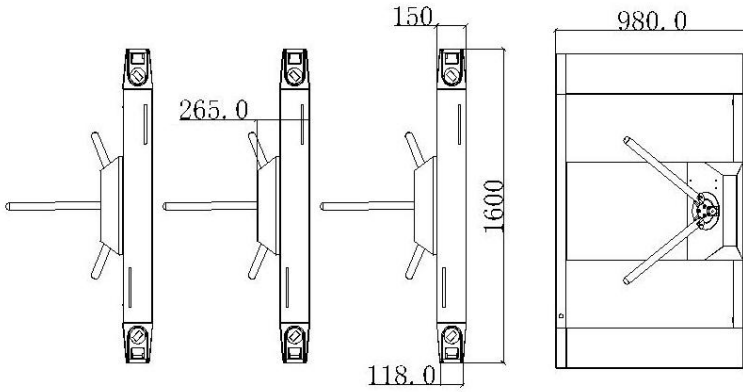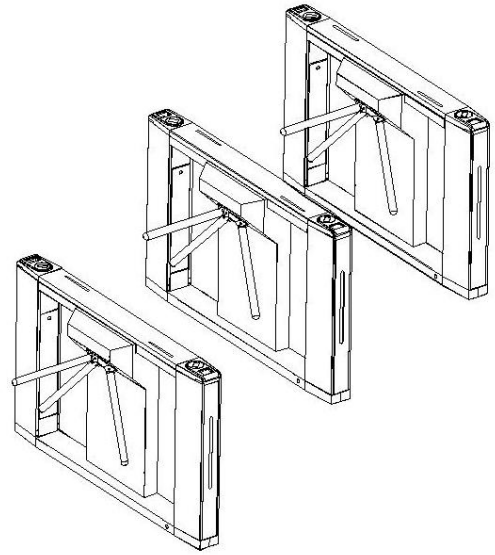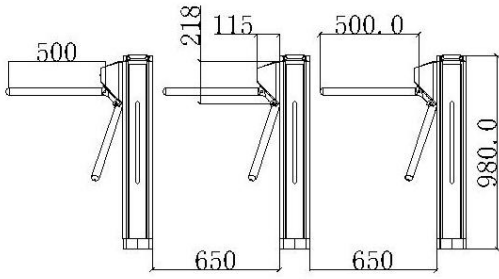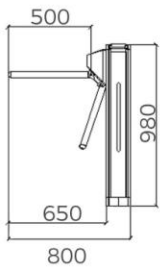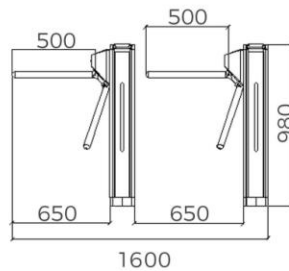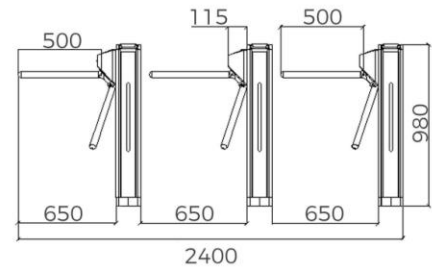|	
Free passage	All people are authorized to pass through under all conditions.
Controlled access	Every person must use a card before being authorized to pass through.
Lane closed	Nobody is authorized to pass through, and security cards are ignored.

HYBRID CONFIGURATION

DIMENSIONAL DRAWINGS

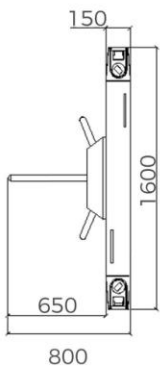## LINE CONFIGURATION WITH COMBINABLE MODULES
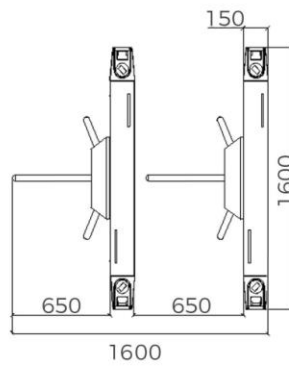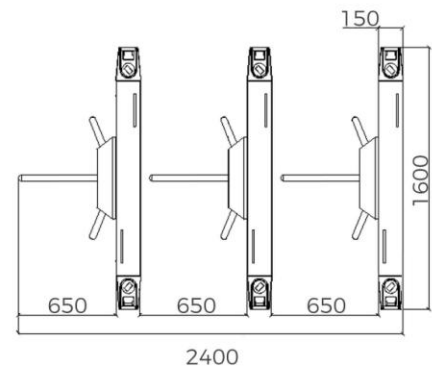

One Lane

Two Lanes

Three Lanes

One Lane

Two Lanes

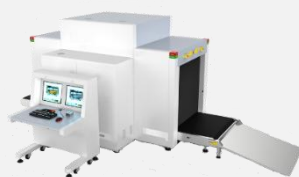Three Lanes

Access to Progress

Qiny stands for pioneering products – in every way. Our access control systems for vehicles or pedestrians clear the way for thousands of people every day – at car parks, toll gates, stations, factories and in buildings.
Our technology is also pioneering, however: with innovative drives, intelligent control systems and well thought-out details it provides maximum safety and longevity. Are you also on the path to Qiny?

Pedestrian Gates

Turnstiles
Speed Gates
Swing Gates
Tripod Gates
Flap Barriers
Full Height Turnstiles

Security Inspection Machine

X-Ray Baggage Scanner
Cargo X-ray Inspection System
X-ray Seal Inspection System
Food X-ray Inspection System
X-ray Metal Detector
Metal Detectors

Vehicle Detection

Under Vehicle Scanner System
Access Barriers
Parking Barriers
Road Blockers
Tyre Killers
Bollards