Saturn-T1000
Drop arm tripod turnstile

Introduction

ZKTeco's Saturn-T1000 is a drop am tripod turnstile with a family design. This tripod turnstile's cabinet uses cold rolled steel sheet as standard material with powder coating finishing. Making Saturn-T1000 series can always provides durability and realibity. The turnstile not only has eÿciently people follow control and also providing safety function such as automatically drop arm function, during power o˛ or emergency signal input. The tripod arm can set bi-directional movement as a standard function. Also, users can set the tripod arm in a di˝erent working mode by direction. Overall, this tripod turnstile is very easy to set up for most kinds of indoor or outdoor situations, such as such as schools, museums, factories, gyms, etc.

Access Control System

There are multi di˛erent access solution owned by ZKTeco, including RFID and biometric technology or QR code verification. Also allow customer to install third-party systems.
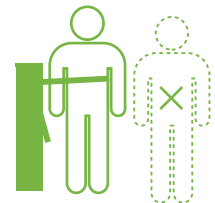
Drop-arm

Safety function always standby, turnstile drop arm automatically. It making sure people exit easily during power o˛, emergency case like fire case happening.

Bi-directional

The turnstile enable to be setting as di˛erent pass mode, like one way free, one way standard. Also the device memory mode allow group user pass-through.

Anti-tailgate

Boasting a powerful anti-tailgate function, the tripod turnstile e˛ectively blocks unauthorized tailgating attempts. It's your reliable guardian, guaranteeing smooth, orderly, and fully secure pedestrian movement in any scenario.

Key Features

Protection disk

The purpose of a protective disc is to safeguard the device against dust, corrosive water vapor, or splashing water, thereby enhancing the durability of the device and reducing maintenance frequency.

LED Indicator

A built-in LED indicator is present in the identity authentication area. The green indicator represents that you can pass through, while the red indicator shows that you cannot pass in the opposite direction.

Arm loading

The stainless steel arm with 38mm diameter of rod. It provides maximum 40Kg weight loading of vertical direction at end of arm.

Durable

Crafted from cold-rolled steel with a durable powder-coating finish, it boasts outstanding weather resistance— ensuring long-lasting performance even in harsh outdoor conditions like extreme temperatures or coastal humidity.

Waterproof
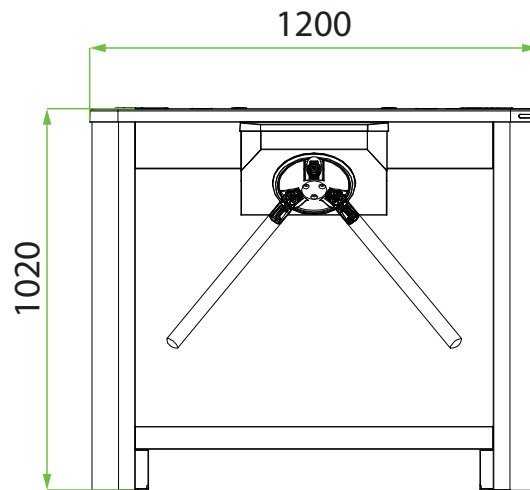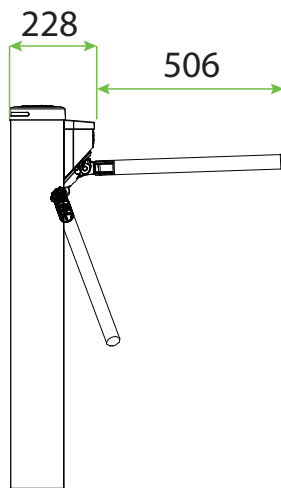
Passed the self-laboratory test which is equivalent to IPX4 protection rating.

Easy to set up

Simply design and easy access construction of device, drawing very low power.

Specifications

Model	Saturn-T1000 Series
Lane Type	Single lane
Power Supply	AC 110V/220V, 50/60Hz, DC 12V
Operating Power	Running: 40W Standby:10W
MCBF	2 Million
Speed Of Throughput	Maximum 25/minute
Barrier Movement Type	Rotating
Noise Level	<65dB
LED Indicator	Support
Operating Temperature	-20℃ to 70℃
Operating Humidity	20% to 80% RH (Non-condensing)
Application Environment	Indoor/Outdoor (If sheltered)
Ingress Protection Rating	IPX4
Lane Width	550mm
Footprint	150*1200(mm)
Dimension	1200*734*1020 (L*W*H)(mm)
Dimensions With Packing	1300*305*1106 (L*W*H)(mm)
Weight	25kg
Weight With Packing	30kg
Cabinet Material	Cold-rolled SPCC Steel (GB700)
Lid Material	Polycarbonate+2.5D tempered glass
Barrier Material	SUS304 Stainless Steel
Authentication Options	KR800E Reader, FR1500S Reader
Motherboard Function	Door open duration, Access mode
Motherboard Communication	Fire alarm Port (Relay)*1, RS485 port *1
Access controller Options	C3, InBio series or or third-party devices
Options/Accessories	Remote control, QR reader
Security Level	Medium
Emergency Mode	Support
Certification	CE, FCC
Supported Software	ZKBio CVAccess / ZKBio CVSecurity (Compatible with software only when connected to the control panel)
Product Delivery	Pre-assembled

Dimensions (mm)

228

506

1200

1020

Application Scenarios

School

Museum

Factory

Gym

UK CA SGS CE FC