# Model DS–A50

## Aurora Tripod Turnstile

DS-A50 is a tripod turnstile product in the Daosafe Aurora series, with the following advantages:

• The primary feature is its single-person passage design, allowing only one individual to pass through at a time.

• Featuring with galvanized steel + black and white automotive-grade high-end spray paint body streamlined body, the body is embedded with light strips. Blue, green and red Led wrap the body, elegant and timeless pairing, perfect for using at high end applications.

• Two pairs of infrared sensors were added to the cabinet. When person passing by, the arm will rotate when people push it lightly.

• Ideal for installation in any high - end and elegant scenario, leaving a strong impression.

## Features

- Two way or one way working.
- Support integrated with any type of access control systems.
- Lower power consumption.
- Low noise, system runs smoothly.
- Blue, green and red LED indicator display passing status.
- Anti-tailing function: only one person passes at one time.
- Fire safety requirements, arms drop down automatically.
- Easy to install and maintain.
- 3 years warranty support.

## Customized Service

- Appearance color can be customized based on installation environment.
- Dimensions can be customized to meet your request.
- Logo can be customized.
- Reader mount space can be customized.
- Base optional: can add DSSP6005 base
- Infrared sensor number optional.
- Picture: high resolution and 3D renderings pictures can be customized.
- The wireless remote control is available as a customized option, allowing front-desk staff to control the gate directly.
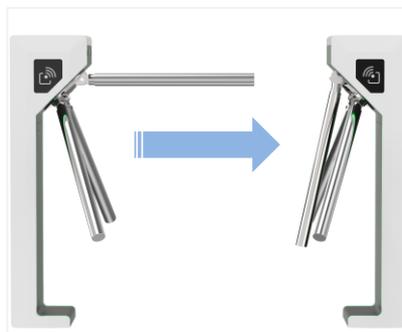


Logo Customized



Infrared Sensor
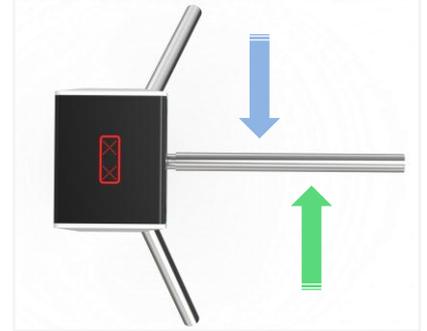


Single/Bi–directional Selectable



3–color Lights: Blue, Green, Red



Arms Drop Down for
Fire Safety Requirements



Anti– trailing Function

## Access Control System

Daosafe turnstile gates can be well integrated with any 3$^{rd}$ party access control systems



Card Solution



QR/Bar Code Solution



Biometric Solution

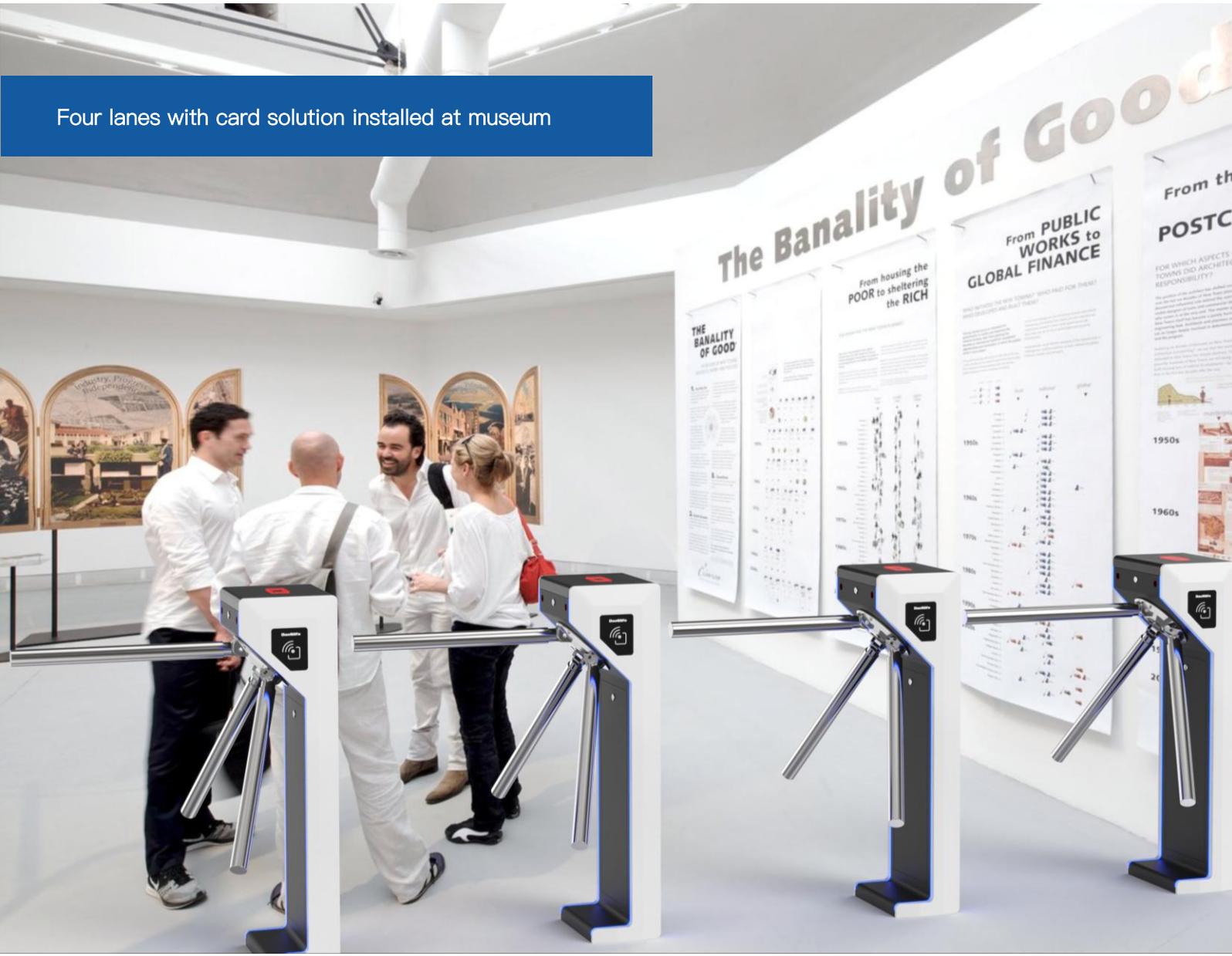| Remote Control | Touchless Button | Card | QR Code | Fingerprint | Face | Palm Vein |

## Four lanes with card solution installed at museum

## Specifications

| | |
|---|---|
| Model No. | DS–A50 |
| Type | Aurora Tripod Turnstile |
| Brand | Daosafe |
| Certifications | Compliance CE, ROHS, FCC |
| Framework Material | Case: Galvanized sheet + white & black automotive–grade high–end spray paint<br>Side card readers: Tempered glass decorative |
| Arm material | 304 stainless steel |
| Dimension | 260(L)*350(W)*1000(H)mm |
| Net Weight | 55kg/pcs |
| Passage Width | 550mm (arm 500mm) |
| Passing Direction | Single directional/Bi–directional |
| MCBF | 15 million |
| Power Supply | AC220V/110V, 50/60Hz |
| Operation Voltage | 24V DC |
| Power Consumption | 40W |
| Operation Temperature | –20 ˚C ~ 75 ˚C (can be customized) |
| Operation Humidity | 0 ~ 95% (No freeze) |
| IP Level | IP54 (standard) |
| Working Environment | Indoor |
| Flow Rate | 35 people per minute |
| LED Indicators (Strips) | Blue color: power on, green color: entry, red color: no entry |
| Infrared Sensor | 2 pairs (standard) |
| Card Reader Mount | Under the top of the cabinet<br>Max. dimensions: 100(L)*60(W)*25(T)mm (can be customized) |
| Emergency | Arms will drop down automatically |
| Communication | Dry contact, Relay signal, RS485 |
| Flexibility | Integrate with any access control |

## Dimensions

| Parameter | Standard | Recommended (disabled) | Maximum | Note |
|-----------|----------|------------------------|---------|------|
| Passage Width | 550mm | / | / | If need 900mm disabled lane, Aurora series DS–A60 or DS–A70 is optional. |
| Arm Width | 500mm | / | / | |



infrared sensor

350

1000

blue green red

260

350

260

350

260
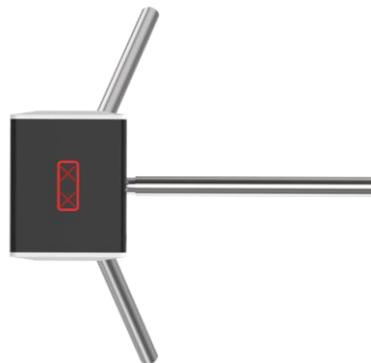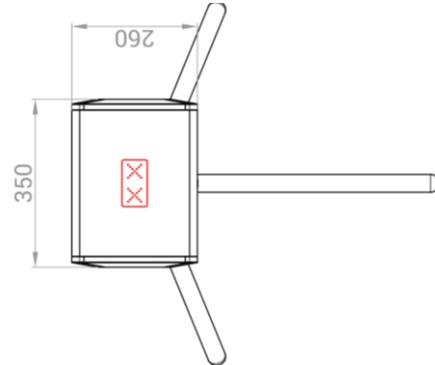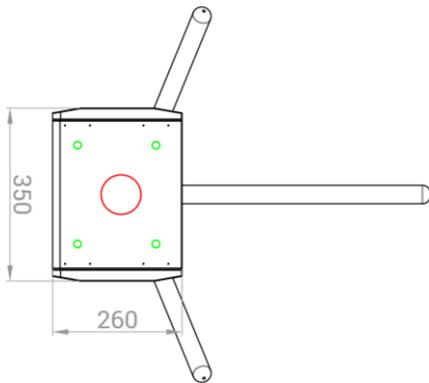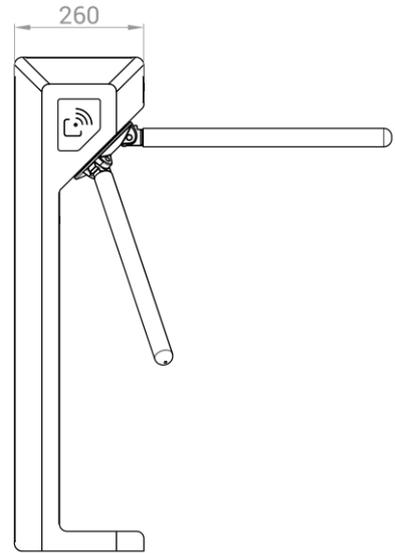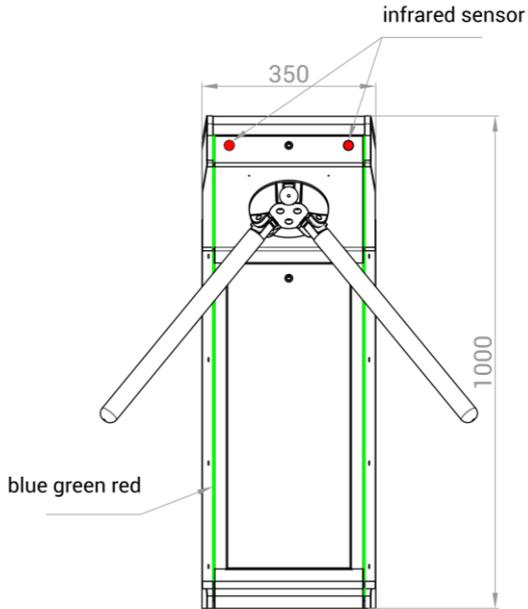
# Lanes Solutions
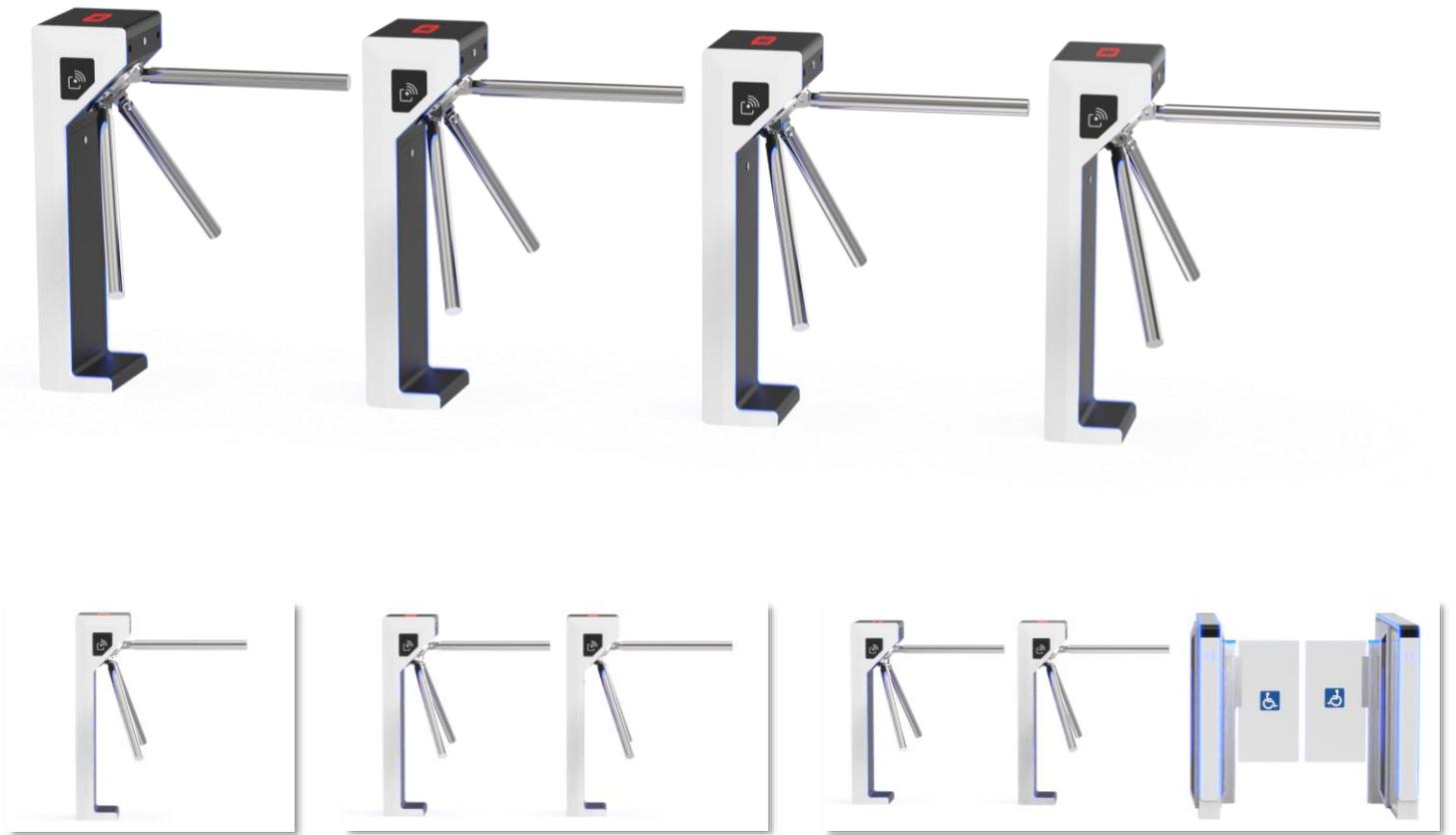



One Lane


Two Lanes


Two Lanes with Disabled Access

# Color Customization


Standard Color


Black Automotive-grade High-end Spray Paint


White Automotive-grade High-end Spray Paint

3 lanes DS–A50 and DS–A70 disabled lane installed at office


Three lanes custom color installed at bazaar