

# DHI-ASGY5XXB-X

## Flap Turnstile



### Introduction

DHI-ASGY5XXB-X Flap turnstile integrates functions such as access control and alarms. With the included IC card reading module, the turnstile can work with additional modules to form an access control system, such as a fingerprint scanner, bar code reader and face recognition device.

### Scene

Applicable to residential areas, schools, governments, factories, industrial zones, office buildings, etc.

### Technical Specification

#### Basic

|                 |                                                                     |
|-----------------|---------------------------------------------------------------------|
| Dimensions      | 1400 mm × 280 mm × 1000mm<br>(55.12" × 11.02" × 39.37") (L × W × H) |
| Surface Texture | Ink brushed                                                         |
| Barrier         | Acrylic                                                             |
| Motor           | DC brushless servo motor                                            |
| IR Detector     | 12 pairs                                                            |

#### Function

|                |     |
|----------------|-----|
| Anti-collision | Yes |
| Anti-pinch     | Yes |
| Memory Mode    | Yes |

- Barriers will be closed automatically if no one enters the turnstile after the identity is verified.
- Parameters can be restored to default settings.
- Supports sound and light alarm, and volume adjustment.
- Supports controlling the barriers with a remote control (optional).
- Four types of security settings for different application.
- Supports alarm signals output, and setting normally open mode when receiving fire alarm signal.
- Support mechanical and IR anti-pinch, and anti-collision.
- Supports nine passing modes: authorized pass, no pass, free pass, etc.
- Supports adjusting unlock and lock speed, passing duration, and lock delay duration.
- Support second unlock, memory mode, and configuring the unlocking status during power disconnection (optional).
- Support sound and light alarms of intrusion, trailing, entering or exiting against the direction of others, overstay, unlock exception, climbing, barrier/IR/communication exception, etc.
- Supports multiple authentication methods, by integrating face/fingerprint/QR code/CPU card reader/ID card reading modules.

|                     |     |
|---------------------|-----|
| Anti-tailing        | Yes |
| Sound & Light Alarm | Yes |
| People Counting     | Yes |
| Alarm               | Yes |
| Second Unlock       | Yes |

#### Performance

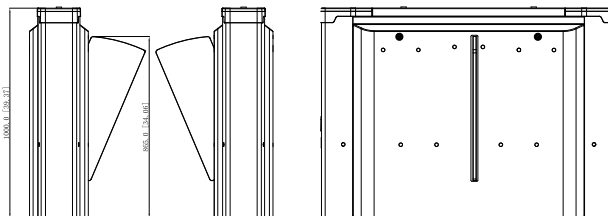
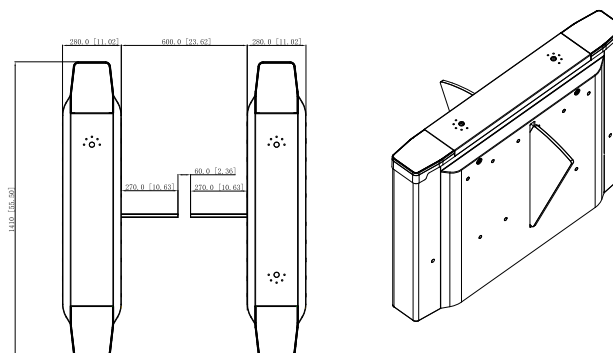
|                     |                          |
|---------------------|--------------------------|
| Lock/Unlock Speed   | 0.7 s–2.4 s (adjustable) |
| Pass Duration       | 2 s–60 s (adjustable)    |
| Lock Delay Duration | 0 s–60 s (adjustable)    |
| MCBF                | ≥ 5 million times        |
| Passing Frequency   | 20–60 people/minute      |
| Passage Width       | Standard: 600 mm         |
| Casing              | SUS304 (1.2 mm)          |

#### General

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| Net Weight | 85 kg (165.35 lb) (single-motor);<br>120 kg (264.55 lb) (double-motor) |
|------------|------------------------------------------------------------------------|

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Gross Weight          | 105 kg (231.48 lb) (single-motor);<br>140 kg (308.65 lb) (double-motor)                                                                    |
| Power Consumption     | Single-motor module turnstile: ≤ 10W (standby);<br>≤ 130W (working)<br>Double-motor module turnstile: ≤ 20W (standby);<br>≤ 260W (working) |
| Packaging             | Wooden box                                                                                                                                 |
| Operating Temperature | −25°C to +70°C (−13°F to +158°F)                                                                                                           |
| Operating Humidity    | 5%–90% (RH) (non-condensing)                                                                                                               |
| Operating Environment | Indoor and outdoor                                                                                                                         |

## Dimensions (mm [inch])



## Ordering Information

| Type           | Model           | Description                    |
|----------------|-----------------|--------------------------------|
| Flap Turnstile | DHI-ASGY510B-L  | Flap Turnstile-DHI-ASGY510B-L  |
| Flap Turnstile | DHI-ASGY511B-L  | Flap Turnstile-DHI-ASGY511B-L  |
| Flap Turnstile | DHI-ASGY520B-D1 | Flap Turnstile-DHI-ASGY520B-D1 |
| Flap Turnstile | DHI-ASGY520B-D2 | Flap Turnstile-DHI-ASGY520B-D2 |
| Flap Turnstile | DHI-ASGY510B-R1 | Flap Turnstile-DHI-ASGY510B-R1 |
| Flap Turnstile | DHI-ASGY510B-R2 | Flap Turnstile-DHI-ASGY510B-R2 |
| Flap Turnstile | DHI-ASGY521B-D1 | Flap Turnstile-DHI-ASGY521B-D1 |
| Flap Turnstile | DHI-ASGY522B-D1 | Flap Turnstile-DHI-ASGY522B-D1 |
| Flap Turnstile | DHI-ASGY521B-D2 | Flap Turnstile-DHI-ASGY521B-D2 |
| Flap Turnstile | DHI-ASGY522B-D2 | Flap Turnstile-DHI-ASGY522B-D2 |
| Flap Turnstile | DHI-ASGY511B-R1 | Flap Turnstile-DHI-ASGY511B-R1 |
| Flap Turnstile | DHI-ASGY511B-R2 | Flap Turnstile-DHI-ASGY511B-R2 |

## Application

