

DHI-ASGB5XXH-X

Swing Barrier



- Brushed DC electric motor makes the swing barrier work smoothly
- 10 pair of IR lights
- IR anti-pinch, mechanical anti-pinch, and current detection anti-pinch
- Support unlock authority management and events recording and storing

Technical Specification

General

Dimension	1500 mm×220 mm×980 mm (59.06"×8.66"×38.58")
Surface Processing	Wire Drawing
Cabinet Material	SUS304 1.2mm
Tripod Turnstile Rod Material	Stainless steel
Motor Type	Brushed DC electric motor
IR Light	Standard: 10 Pairs (top 6, bottom 4)
Switch Quantity Port	8 DO output, 4 DI input
RS-232 Port	1

Function

Anti-collision	Yes
Power off Turnstile Rod Unlock	Yes
Voice and Light Prompt	Yes
Angle Detection	Yes
Mechanical Power Transmission	Yes
Tripod Turnstile Rod Rotation	Yes
People Count	Yes

- 9 working modes: you can give access permission to both exiting and entering, or give access only to exiting, or only to entering
- If no unlock signals received, the swing barrier rod will be locked automatically
- Number of people entering and exit an area can be calculated. Statistics can be viewed on the turnstile
- A group of people of certain number can pass the turnstile consecutively. After the last person passes the swing barrier, the swing barrier wings will be locked
- Support giving out voice and light alarms about lingering, unauthorized access, and unlock timeout
- Can be connected to fire alarm devices. After receiving alarm signals, the swing barrier rod will be released, and people can pass the swing barrier without identity verification; when alarm signal stops, raise the swing barrier wings manually, and the swing barrier wings will be locked automatically
- Support self-test and giving out anomaly alarms
- Can be connected to face recognition module, QR code scanning module, CPU card reader module, and ID card reader module to realize multiple unlock methods
- Platform: SmartPss

Sending Alarm	Yes
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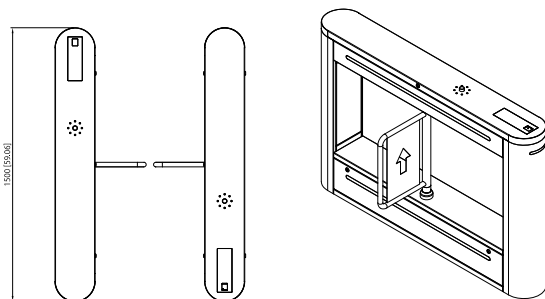
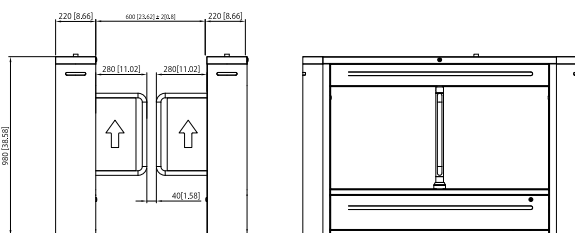
Performance

Lock and Unlock Time	1.3s–2.3s (adjustable)
Unlock Timeout Duration	2s–60s (adjustable)
Extension Unlock Timeout Duration	0s–1.5s (adjustable)
Swing Barrier Rotation Angle	≤10°
Lock and Unclol Limit	≥3 million times
Passage Frequency	20 persons/minutes to 40 persons/minute
Noise Decible Level	Less than 60dB within 1.5 m
Passage Width	600 mm (1.97 ft)
Gross Wiegth	Single core mechanism≤85kg (187.39 lb) Double core mechanism≤100kg (220.46 lb)
Net Wiegth	Single core mechanism≤65kg (143.30 lb) Double core mechanism≤80kg (176.37 lb)
Packaging Material	Wooden pallet and carton
Power Supply	220V AC±10%, 50/60HZ
Power Consumption	Standby: ≤70W; working: ≤120W
Operating Temperature	–10°C to +60°C (+50°F to +140°F)
Operating Humidity	10%RH–93%RH
Operating Environment	Outdoor

Ordering Information

Model	Description
DHI-ASGB510H-L	Swing barrier
DHI-ASGB520H-D	Swing barrier
DHI-ASGB510H-R	Swing barrier
DHI-ASGB511H-L	Swing barrier
DHI-ASGB521H-D	Swing barrier
DHI-ASGB522H-D	Swing barrier
DHI-ASGB511H-R	Swing barrier

Dimensions (mm[inch])



Application

