DS-K3B801BX
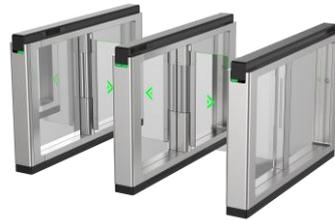# Swing Barrier

The swing barrier with two barriers and 24 pairs of IR lights is designed to detect unauthorized entrance or exit. By adopting the swing barrier integrated with the access control system, person should authenticate to pass through the lane via swiping IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

- TCP/IP network communication: The communication data is specially encrypted to relieve the concern of privacy leak.

- Bidirectional (Entering/Exiting) lane:The barrier opening and closing speed can be configured according to the visitors flow

- The door wings will be locked or stop working when people are nipped.

- Audible and visual alarm will be triggered when detecting intrusion, tailgating, reverse passing, climbing over barrier, and overstay.

- Fire alarm passing: When the fire alarm is triggered, the barrier will be open automatically for emergency evacuation.

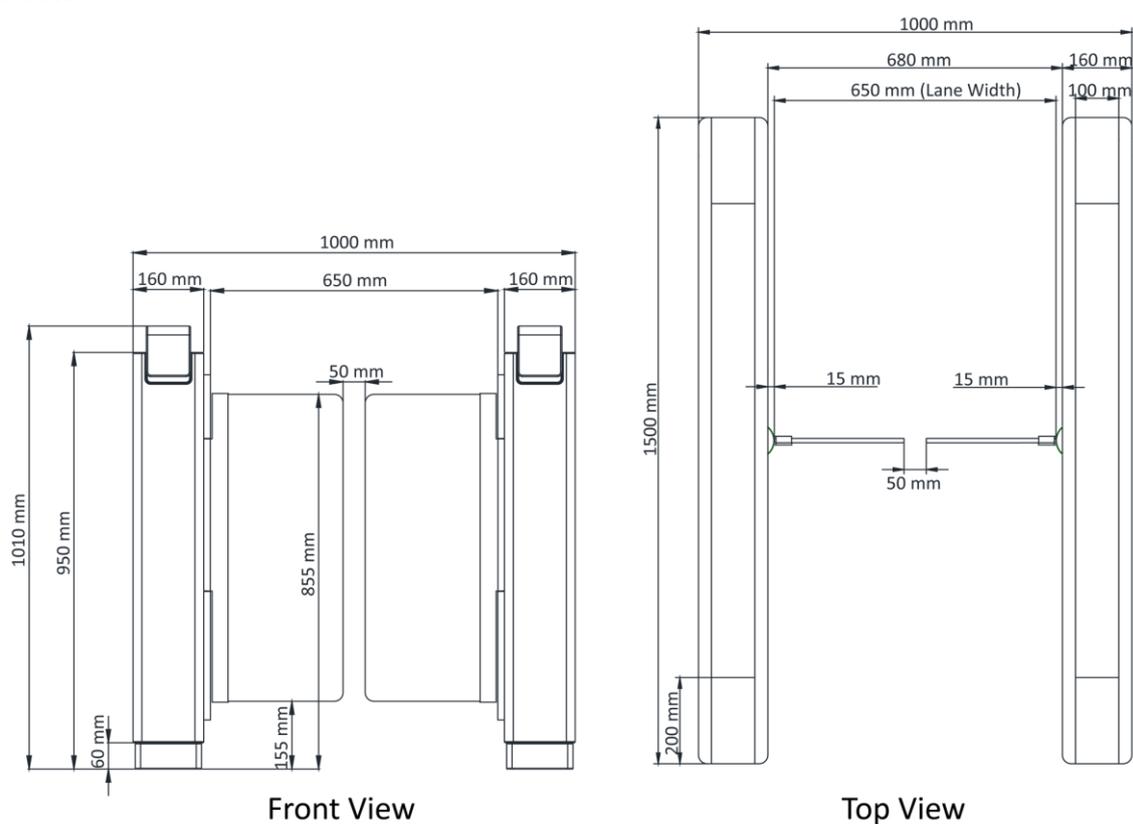- Self-detection, Self-diagnostics, and automatic alarm.

▪ **Specification**

System	
Motor	Servo motor
MCBF	≥ 10 million times
Network	
Communication protocol	ISAPI,ISUP5.0
Wired network	10/100Mbps self-adaptive Ethernet
Interface	
Network interface	1
Lock control	2
Exit button	2
Alarm output	2
TAMPER	YES
RS-485	4
RS-232	2
Wiegand	2
Fire alarm input	1
Case input	2
Hardware	
Access controller	Supplied
Supercapacitor	Supplied
Capacity	
Fingerprint capacity	5,000 (optional)
Card capacity	1,000,000
Event capacity	1,000,000
Function	
Configuration via Web browser	Support
General	
Throughput	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method
IR light detectors	24 pairs
Lane width	550 mm to 1100 mm (21.65" to 43.31")
Barrier material	Acrylic glass or Tempered glass
Pedestal material	SUS304 stainless steel with the thickness of 2 mm (0.08")
Power	100 to 240 VAC; 50 to 60 Hz
Power consumption	65 W (stand by)
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 95% (No Condensing)
Dimensions	With packaging: 1688 mm × 348 mm × 1318 mm (66.5" × 13.7" × 51.9") Without packaging: 1500 mm × 160 mm × 1010 mm (59.1" × 6.3" × 39.8")
Weight	(Net) Left: 100.5 kg (221.56 lbs) Middle: 122.4 kg (269.85 lbs) Right: 104.4 kg (230.2 lbs) (Rough) Left: 140.5 kg (309.76 lbs) Middle: 162.4 kg (350.05 lbs) Right: 144.4 kg (310.4 lbs)
Approval	CE/CB/RoHS/REACH/WEEE

Configuration

Configuration	
Lane width	550, 650, 750, 900
Pedestal length	1500 mm
Module selection	YES
Pedestal width	160 mm
Wall distance	50 mm
Base	YES
Barrier material	Acrylic glass, Tempered glass
Application environment	Indoor
Authentication mode	Card, Face, Fingerprint, QR code
Card type	EM, M1, Desfire
Recommended width	650
Base model	DS-K3B801-BASE
Product type	Swing barrier
Remote controller type	433 Mhz, 868 Mhz
Movement Protrusion Width	15 mm

▪ Available Model

DS-K3B801BX

▪ Dimension

Front View   Top View

▪ **Accessory**

▪**Included**

DS-K7CR01

▪**Optional**

DS-K3B801-BASE Pro Series Swing Barrier	DS-K7R01-433 Wireless Kefob 433MHz	DS-K7R01-868 Wireless Kefob 868MHz

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