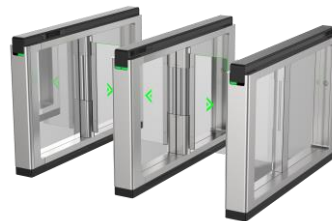


DS-K3B801BX Ultra Swing Barriers



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	Arcylic 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	65W (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: 100.5kg (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	
Lane width	650;750;900
Pedestal length	1500 mm
Module selection	YES
Pedestal width	160 mm
Wall distance	50 mm
Base	YES
Barrier material	Acrylic glass
Application environment	Indoor
Authentication mode	Card,Face,QR code
Card type	EM,Desfire
Recommended width	650 mm
Base model	DS-KSM01/B801
Product type	Swing barrier
Remote controller type	433Mhz,868Mhz
Movement Protrusion Width	15 mm
Door wing gap	Default:50mm
Door Height	Default(0.85m)

▪ Note

The main element of the turnstile is stainless steel, which is rust less (antioxidant) and corrosion resistant (The anti-corrosion ability in the medium of acid, alkali, and salt). In order to keep the stainless steel from being oxidized or corroded, you should clean and care the turnstile surface periodically.

The instructions and tips for maintaining the turnstile are as follows:

1. Select different stainless steel types according to the variety of the environments. You can select 304 stainless steel for common circumstances and 316 stainless steel for the scenarios of seaside and chemical plants.
2. Keep the device surface clean and dry.
3. Use non-woven cloth and ethyl alcohol to clean the dirt on the device surface.
4. Use sourcing pad (do not use mesh cleaning ball) to clean the rust on the device surface by following the wire drawing on the stainless steel. And then use non-woven cloth and stainless steel cleaner to wipe the device surface.
5. Clean and maintain the device by using non-woven cloth and stainless steel cleaner periodically. It is suggested to clean the device every month in common circumstances and every week for severe environments (seaside and chemical plants for instance).

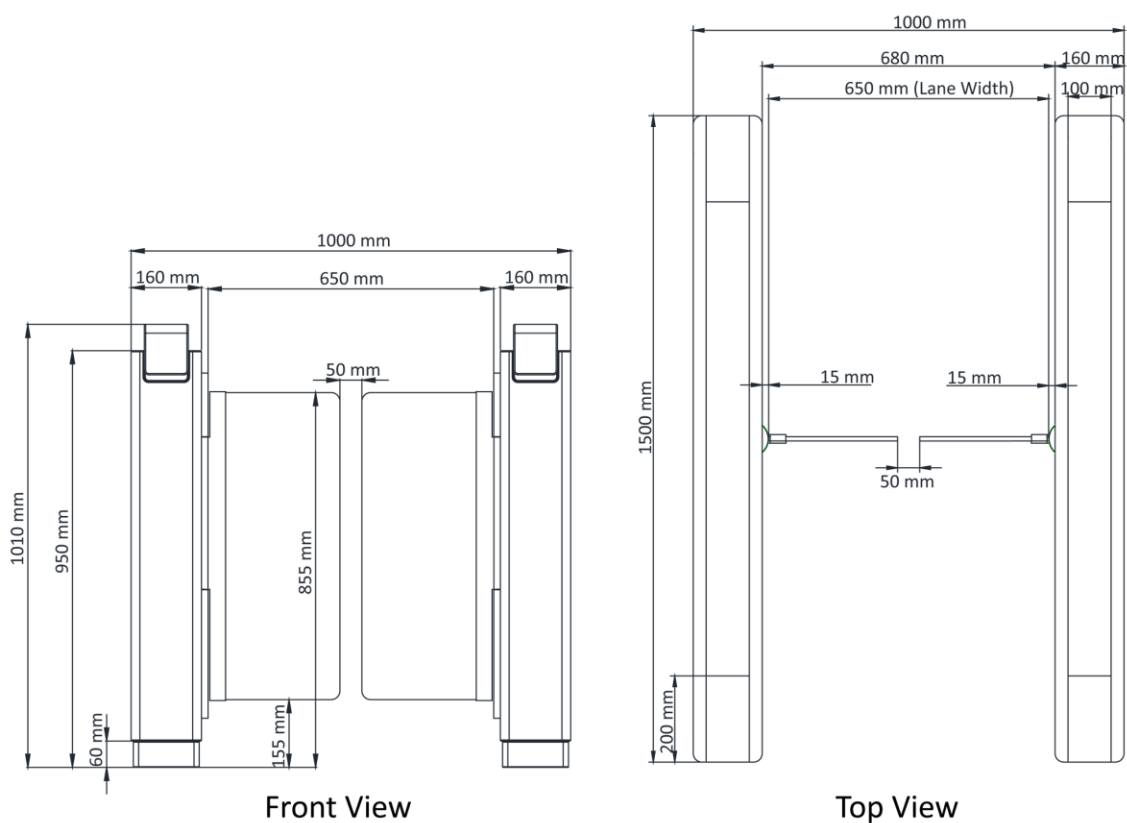
▪ Available Model

DS-K3B801BX-L/M-Dp65
DS-K3B801BX-M/M-Dp65
DS-K3B801BX-M/Pg
DS-K3B801BX-R/M-Dp65
DS-K3B801BX-M/MQ
DS-K3B801BX-L/MF-Dp65
DS-K3B801BX-M/MPg-Dg110
DS-K3B801BX-L/MFPgQ-Dp90
DS-K3B801BX-R/EPg
DS-K3B801BX-R/M-Dp90
DS-K3B801BX-M/MFPgQ-Dp90

DS-K3B801BX-M/EPg
DS-K3B801BX-L/M-Dp90
DS-K3B801BX-M/MF-Dp65
DS-K3B801BX-R/MFPgQ-Dp90
DS-K3B801BX-R/Q
DS-K3B801BX-R/M-Dp110
DS-K3B801BX-L/M-Dp110
DS-K3B801BX-L/EPg
DS-K3B801BX-M/OutMPg-Dp65-90
DS-K3B801BX-R/MF-Dp90
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DS-K3B801BX-R/MPg-Dp65
DS-K3B801BX-M/Dp90
DS-K3B801BX-L/MPg-Dp65
DS-K3B801BX-L/E
DS-K3B801BX-M/InMPg-Dp90-65
DS-K3B801BX-L/MPg-Dp90
DS-K3B801BX-R/E
DS-K3B801BX-M/MF-Dp65-90
DS-K3B801BX-L/Pg-Dp75
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DS-K3B801BX-M/E
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DS-K3B801BX-R/MPg-Dp90
DS-K3B801BX-L/PgQ
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DS-K3B801BX-M/MPg-Dg90
DS-K3B801BX-L/MPgQ-Dp65
DS-K3B801BX-R/MPg-Dp75
DS-K3B801BX-R/MPgQ-Dp65
DS-K3B801BX-M/MPg-Dp110

▪ Dimension



▪ Accessory

▪ Included

DS-K7CR01



▪ Optional

DS-KSD88-P	DS-K7R83X	DS-KAB6-ZU3	DS-KSM01/B801	DS-K7R01-433
DS-K7R01-868				



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