

DS-K3B631X Pro Swing Barriers



The DS-K3B631X series swing barrier with 20 pairs of IR sensors is designed to detect unauthorized entrance or exit. Without built-in face cameras, by adopting the swing barrier integratedly with the access control system, person should authenticate to pass through the lane via swiping M1 or EM card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

- 20 pairs of IR light detectors: Permissions validation and anti-tailgating.
- Audible and visual nipping alarm: The barrier will stop working for a period of time when detecting obstruction when open/close barrier.
- Self-detection, Self-diagnostics, and automatic alarm.
- Support PC web function for easy configuration and maintenance.
- Door remaining open when fire alarm triggered: The barrier will open automatically when alarm is triggered.

▪ Specification

System	
Motor	Servo motor
MCBF	≥ 12 million times
IR light detectors	20 pairs
Brake	Support
Network	
Wired network	10/100 Mbps self-adaptive Ethernet
Wi-Fi	Support
Interface	
Network interface	x 1
Lock control	x 2
Exit button	Main: 1 Sub: 1
RS-485	Main: 2 Sub: 2
RS-232	Main: 1 Sub: 1
Wiegand	Main: 1 Sub: 1
Fire alarm input	x 1
Hardware	
Access controller	Supplied
Supercapacitor	Supplied
Network switch	Not supplied
Capacity	
Card capacity	700,000
Event capacity	700,000
Authentication	
QR code	optional
Card	Desfire/M1/EM
Function	
Configuration via PC Web	Support
Configuration via mobile Web	Not support
AP mode	Support
Communication protocol	ISAPI
Keyfob	Support, 433 MHz/868 MHz, within 25 m
General	
Throughput	35 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method.
Lane width	550 mm to 1100 mm (21.65" to 43.31")
Barrier material	10 mm Acrylic glass, 10 mm Tempered glass, Stainless steel pipe
Pedestal material	SUS304 stainless steel 1.5 mm
Power consumption	Standby: 70 W Working: 160 W Peak: 250 W

Working temperature	-25 °C to 65 °C (-4 °F to 149 °F)
Working humidity	0% to 95% (No condensing)
Protective level	IPX4
Dimensions	Without package: 1500 mm × 130 mm × 1000 mm (59.05" × 5.12" × 39.37") With package: 1690 mm × 465 mm × 1105 mm (66.54" × 18.31" × 43.5")
Weight	Net: Left: 62 kg (136.7 lb) Middle: 105 kg (231.5 lb) Right: 64 kg (141.1 lb) Gross: Left: 80 kg (176.4 lb) Middle: 123.2 kg (271.6 lb) Right: 82 kg (180.8 lb)
Approval	CE/CB/RoHS/REACH/WEEE
Power supply method	100 to 240 VAC, 50 to 60 Hz
Language	English, Portuguese (Brazil), Spanish, Spanish(Latin), Russian, Vietnamese, Japanese, Bahasa, Thai.
Power supply for face recognition module	Supplied
Configuration	
Lane width	550,650,750,900,1100
Pedestal length	1500 mm
Module selection	YES
Pedestal width	130 mm
Wall distance	70 mm
Base	YES
Barrier material	Acrylic glass,Stainless steel pipe
Application environment	Indoor and outdoor
Authentication mode	Card,Face,QR code
Card type	EM,Desfire
Recommended width	650 mm
Base model	DS-KSM01/B631
Product type	Swing barrier
Remote controller type	433Mhz,868Mhz
Movement Protrusion Width	77 mm
Convert Face	YES
Door wing gap	Default:50mm
Integrated Auth	Card;Face;QR code;Screen

▪ Running Environment

Maintenance

The main element of the turnstile is stainless steel, which is rustless (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:

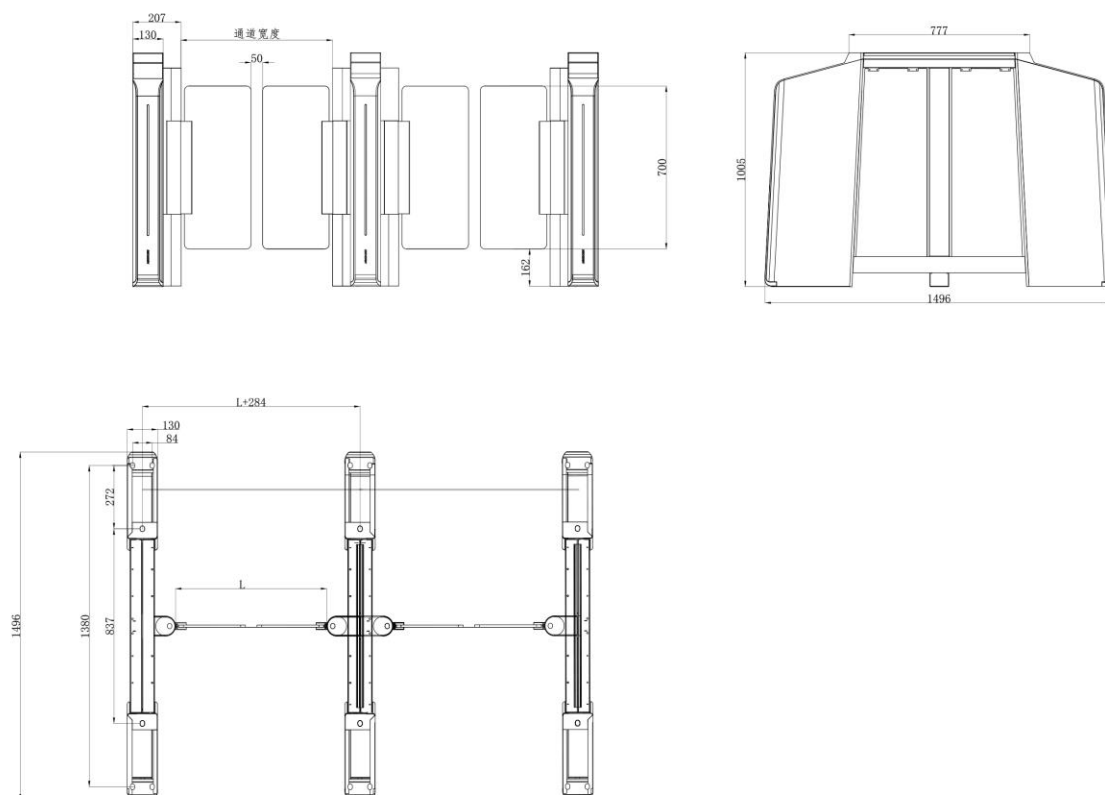
1. Select different stainless steel types according to the variety of the environments. You can select 304 stainless steel for common circumstances and 316 stainless steel for the scenarios of seashores and chemical plants.

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

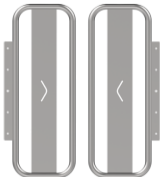
DS-K3B631-R/EmPgQ-Dp90
 DS-K3B631X-M/Pg
 DS-K3B631X-M/MPg-Dg110
 DS-K3B631X-L/Pg
 DS-K3B631X-R/MPg-Dp90
 DS-K3B631X-L/EDPgQCr-Dm90
 DS-K3B631X-M/M
 DS-K3B631X-R/Pg
 DS-K3B631X-R/MPg-Dg110
 DS-K3B631X-L/M
 DS-K3B631X-M/EDPgQ-Dm90
 DS-K3B631X-R/M
 DS-K3B631X-M/E
 DS-K3B631X-L/E
 DS-K3B631X-L/MPg-Dp65
 DS-K3B631X-R/EDPgQ-Dm90
 DS-K3B631X-R/E
 DS-K3B631X-M/MQ
 DS-K3B631X-R/MPg-Dp65
 DS-K3B631X-L/MQ
 DS-K3B631X-Movement Part
 DS-K3B631X-R/MQ
 DS-K3B631X-M/MPg-Dp65
 DS-K3B631X-Cover-InPg/OutPg
 DS-K3B631X-M/MPg-Dm65
 DS-K3B631X-L/MPg-Dm65
 DS-K3B631X-L/MPg-Dp90
 DS-K3B631X-Cover-Pg
 DS-K3B631X-R/MPg-Dm65
 DS-K3B631X-L/MPg-Dg110
 DS-K3B631X-M/MPg-Dp65-90
 DS-K3B631X-Cover
 DS-K3B631X-R/MPgQ-Dp65
 DS-K3B631X-M/EDPgQH-Dp65

▪ Dimension



▪ Accessory

▪ Optional

DS-KSD55-P	DS-KSD55-M	DS-K7B01	DS-K7R83X	DS-KSM01/B631
				
DS-K7R01-868	DS-K7R01-433			
				

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