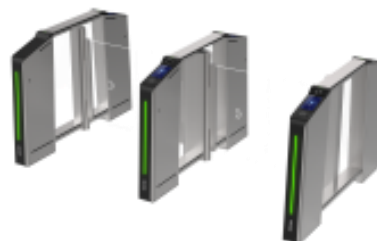


DS-K3B631TX

Pro smart swing barriers



The DS-K3B631TX series swing barrier with 20 pairs of IR lights is designed to detect unauthorized entrance or exit. By adopting the swing barrier integratedly 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.

- 20 pairs of IR light detectors: Permissions validation and anti-tailgating
- LED light indicates passing direction
- 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
- Valid passing duration settings: System will cancel the passing permission if a person does not pass through the lane within the valid passing duration
- 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
Display	
Screen size	6.95 inch
Operation method	Display screen
Resolution	600 * 1024
Image	
Sensor	2 MP
Resolution	1920 x 1080
Network	
Wired network	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	Wiegand in x 2
Fire alarm input	1
Case input	2
Hardware	
Access controller	Supplied
Supercapacitor	Supplied
Network switch	Supplied
Capacity	
Face capacity	50,000
Card capacity	250,000
Event capacity	1,000,000
Authentication	
QR code	Support
Face recognition distance	≤ 2m
Face recognition accuracy rate	≥99%
Face recognition duration	0.2 s
Function	
Configuration via PC Web	Support
Advertisement	Support
Built-in face recognition	Support
Communication protocol	ISAPI,ISUP5.0
General	
Throughput	30 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	Acrylic glass
Pedestal material	SUS304 stainless steel with the thickness of 1.5 mm (0.06")
Supplement light	Yes
Power	100 to 240 VAC; 50 to 60 Hz
Power consumption	80W (stand by)
Working temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working humidity	10% to 95% (No Condensing)
Dimensions	Without Packaging: 1500 mm × 130 mm × 1000 mm (59.05"× 5.12"× 39.37") With Packaging: 1690 mm × 465 mm × 1105 mm (66.54"× 18.31"× 43.5")
Weight	(Net) Left: 62 kg (136.7 lbs); Middle: 105 kg (231.5 lbs); Right: 64 kg (141.1 lbs); (Rough) Left: 80 kg (176.4 lbs); Middle: 123.2 kg (271.6 lbs); Right: 82 kg (180.8 lbs);
Approval	CE/FCC/CB/RoHS/REACH/WEEE
Configuration	
Lane width	550;650;750;900;1100
Pedestal length	1500 mm
Module selection	YES
Pedestal width	130 mm
Wall distance	10 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/B631
Product type	Swing barrier
Remote controller type	433Mhz,868Mhz
Movement Protrusion Width	77 mm
Built-in face recognition	YES
Built-in display	YES
Convert Face	YES
Door wing gap	Default:50mm
Integrated Auth	Card;Face;QR code;Screen

▪ Field of View

▪ 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.

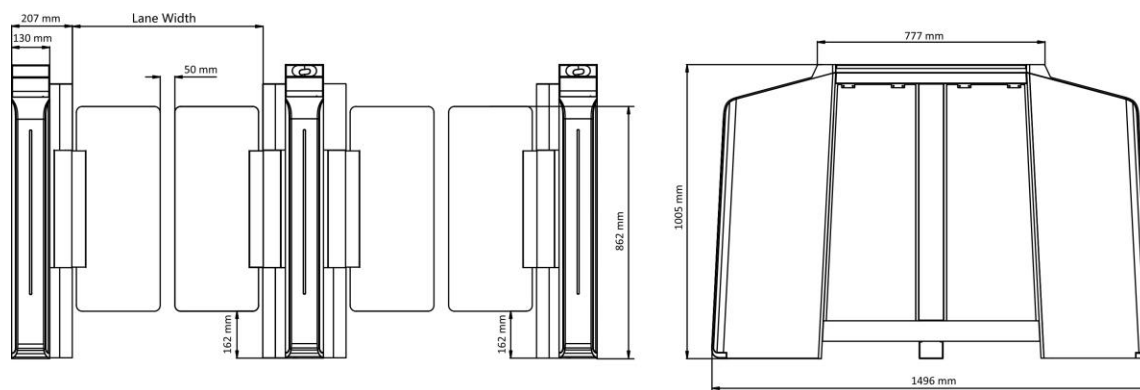
4. Use sourcing pad (do not use mesh cleaning ball) to clean the rust on the device surface by following the wire drawing on the stainless steel. And then use non-woven cloth and stainless steel cleaner to wipe the device surface.
5. Clean and maintain the device by using non-woven cloth and stainless 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-K3B631TX-M/MPiQL-Dp75
 DS-K3B631TX-R/DPiQL
 DS-K3B631TX-M/DPiL/Par
 DS-K3B631TX-R/MPiQL-Dp110
 DS-K3B631TX-L/EPiL-Dp110
 DS-K3B631TX-R/MPiQL-Dp75
 DS-K3B631TX-L/DPiL
 DS-K3B631TX-R/PiL-Dp65
 DS-K3B631TX-R/EPiQL-Dp110
 DS-K3B631TX-L/MPiQL-Dp65
 DS-K3B631TX-M/MPiQL-Dp65
 DS-K3B631TX-R/MPiQL-Dp65
 DS-K3B631TX-R/DPiL/Par
 DS-K3B631TX-M/DPiL
 DS-K3B631TX-M/MPiQL-Dp65/868
 DS-K3B631TX-L/EPiL-Dp65
 DS-K3B631TX-L/DPiL/Black/Par
 DS-K3B631TX-R/DPiL
 DS-K3B631TX-R/MPiQL-Dp65/868
 DS-K3B631TX-M/DPiL/Black/Par
 DS-K3B631TX-L/PiL-Dp65
 DS-K3B631TX-L/MPiL-Dp75
 DS-K3B631TX-R/DPiL/Black/Par
 DS-K3B631TX-L/PiL-Dp110
 DS-K3B631TX-M/MPiQL-Dp65-110
 DS-K3B631TX-L/MPiQL-Dp110
 DS-K3B631TX-R/MPiL-Dp55
 DS-K3B631TX-M/MPiL-Dp75
 DS-K3B631TX-L/EPiQL
 DS-K3B631TX-LR Dp65 demo kit
 DS-K3B631TX-L/MPiQL-Dp55
 DS-K3B631TX-M/EPiQL
 DS-K3B631TX-M/EPiL-Dp65
 DS-K3B631TX-M/MPiL-Dp75-110
 DS-K3B631TX-R/EPiQL
 DS-K3B631TX-M/PiL-Dp65
 DS-K3B631TX-L/MPiL-Dp90
 DS-K3B631TX-M/MPiQL-Dp55-110
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 DS-K3B631TX-M/PiL-Dp110

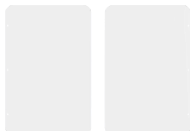
DS-K3B631TX-L/MPiL-Dp110
 DS-K3B631TX-M/MPiL-Dp90
 DS-K3B631TX-M/MPiQL-Dp110
 DS-K3B631TX-L/PiQL-Dp75
 DS-K3B631TX-R/MPiL-Dp90
 DS-K3B631TX-M/MPiQL-Dp55
 DS-K3B631TX-M/PiQL-Dp75
 DS-K3B631TX-M/DPiQL/DZ
 DS-K3B631TX-M/MPiL-Dp110-65
 DS-K3B631TX-R/PiQL-Dp75
 DS-K3B631TX-R/MPiQL-Dp55
 DS-K3B631TX-R/DPiQL/DZ
 DS-K3B631TX-R/EPiL-Dp65
 DS-K3B631TX-M/PiQL-Dp75-110
 DS-K3B631TX-L/MPiQL-Dp100
 DS-K3B631TX-R/MPiL-Dp65
 DS-K3B631TX-M/PiQL-Dp110-75
 DS-K3B631TX-R/PiL-Dp110
 DS-K3B631TX-L/PiQL-Dp90
 DS-K3B631TX-R/MPiQL-Dp100
 DS-K3B631TX-M/PiQL-Dp90
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 DS-K3B631TX-R/PiQL-Dp90
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 DS-K3B631TX-L/MPiQL/SISEGUSA
 DS-K3B631TX-L/MPiL
 DS-K3B631TX-M/MPiQL/SISEGUSA
 DS-K3B631TX-R/MPiL-Dp110
 DS-K3B631TX-M/MPiL/868
 DS-K3B631TX-R/MPiQL/SISEGUSA
 DS-K3B631TX-M/MPiL-Dp65-110
 DS-K3B631TX-R/MPiL/868
 DS-K3B631TX-L/MPiL-Dp55
 DS-K3B631TX-M Dp65 demo kit
 DS-K3B631TX-L/DPiL/Par
 DS-K3B631TX-M/MPiL-Dp55
 DS-K3B631TX-L/MPiQL-Dp90
 DS-K3B631TX-M/MPiL-Dp55-110
 DS-K3B631TX-M/MPiQL-Dp90
 DS-K3B631TX-L/MPiQL-Dp75
 DS-K3B631TX-R/MPiQL-Dp90
 DS-K3B631TX-L/DPiQL
 DS-K3B631TX-M/DPiQL

▪ Dimension



▪ **Accessory**

▪ **Optional**

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

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