

**DS-K3B631TX
Smart Swing Barrier**

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
- Arrow 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	
MCBF	> 12 million times
Motor	Servo motor
Display	
Screen size	6.95 inch
Operation method	touch (only single side)
Resolution	600*1024
Interface	
Network interface	1
Exit button	2
Lock control	2
Alarm input	2
Alarm output	2
Wiegand	2
Capacity	
User capacity	50,000
Face capacity	50,000
Card capacity	250,000
Event capacity	1,000,000
Authentication	
Face recognition distance	2m
Face recognition accuracy rate	≥99%
Face recognition duration	0.3s
General	
Throughput	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method.
Power supply method	100 to 240 VAC; 50 to 60 Hz
IR light detectors	20 pairs
Working temperature	-10 °C to 50 °C
Lane width	550 mm to 1100 mm (21.65" to 43.31")
Built-in access controller	Yes
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")
Barrier material	Acrylic glass
Pedestal material	SUS304 stainless steel
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
Power consumption	70W (stand by)
Application environment	Indoor

▪ 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:

- 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.
- Keep the device surface clean and dry.
- Use non-woven cloth and ethyl alcohol to clean the dirt on the device surface.
- 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.
- Clean and maintain the device by using non-woven cloth and stainless steel cleaner periodically. It is suggest 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-L/EPiL-Dp110,DS-K3B631TX-R/EPiQL-Dp110,DS-K3B631TX-L/MPiQL-Dp65,DS-K3B631TX-M/MPiQL-Dp65, DS-K3B631TX-R/MPiQL-Dp65,DS-K3B631TX-L/EPiL-Dp65,DS-K3B631TX-L/PiL-Dp65,DS-K3B631TX-L/PiL-Dp110, DS-K3B631TX-L/MPiQL-Dp110,DS-K3B631TX-M/EPiL-Dp65,DS-K3B631TX-M/PiL-Dp65,DS-K3B631TX-M/PiL-Dp110, DS-K3B631TX-M/MPiQL-Dp110,DS-K3B631TX-R/EPiL-Dp65,DS-K3B631TX-R/PiL-Dp65,DS-K3B631TX-R/PiL-Dp110, DS-K3B631TX-R/MPiQL-Dp110,DS-K3B631TX-M/MPiQL-Dp65/868,DS-K3B631TX-R/MPiQL-Dp65/868

▪ Dimension

