

DS-K3B501S Series Swing Barrier

The DS-K3B501S series swing barrier with two barriers and 12 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.



Available Models

- DS-K3B501S-L
- DS-K3B501S-M
- DS-K3B501S-R

Features

- 32-bit high-speed processor
- TCP/IP network communication
The communication data is specially encrypted to relieve the concern of privacy leak
- Permissions validation and anti-tailgating
- Remaining open/closed mode selectable
- Bidirectional (Entering/Exiting) lane
The barrier opening and closing speed can be configured according to the visitor flow
- The barrier will be stop working when people are nipped
- Anti-forced-accessing
The barrier will be locked automatically without open-barrier signal
- Self-detection, self-diagnostics, and automatic alarm
- Audible and visual alarm will be triggered when detecting intrusion, tailgating, reverse passing, and climbing over barrier
- Remote control and management
- Online/offline operation
- LED indicates the entrance/exit and passing status
- Barrier remains open when powered down
- Fire alarm passing
When the fire alarm is triggered, the barrier will be open automatically for emergency evacuation

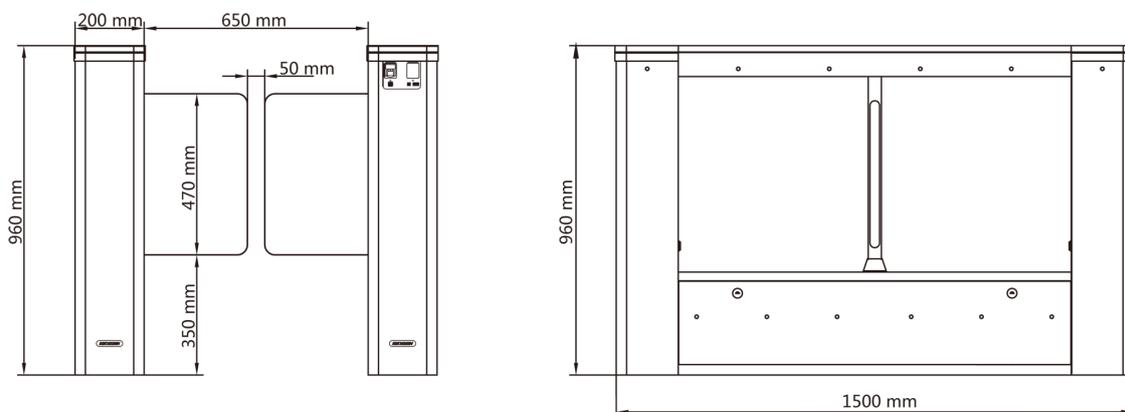


- Valid passing duration settings
System will cancel the passing permission if a person does not pass through the lane within the valid passing duration
- Opens/Closes barrier according to the schedule template
- Up to 3000 visitor cards and up to 60,000 cards except for visitor cards can be added

Specifications

Model	DS-K3B501S
Communication interface	TCP/IP, I/O, RS-232, RS-485
Throughput	20 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method.
MCBF	> 3 million times
Lane width	550 mm to 1100 mm (21.65" to 43.31")
Barrier material	Stainless steel pipe; Acrylic glass
Pedestal material	SUS304 stainless steel
Dimension (L × W × H) per pedestal	Without packaging: 1500 mm × 200 mm × 960 mm (59.06" × 7.87" × 37.80") With packaging: 1610 mm × 300 mm × 1100 mm (63.39" × 11.81" × 43.31")
Weight per pedestal (without packaging)	56 kg/71 kg (123 lb/157 lb)
Weight per pedestal (with packaging)	86 kg/100 kg (190 lb/221 lb)
Power supply	100 to 240 VAC; 50 to 60 Hz
Working temperature	-25 °C to 65 °C (-13 °F to 149 °F)
Working humidity	0% to 95% (No condensing)
Installation	Indoor/outdoor
Approval	CE/FCC/CE-LVD/RoHS/REACH/WEEE

Dimension



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).

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