DS-K3B601 Series

Swing Barrier

The DS-K3B601 series swing barrier with 12 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.



AVAILABLE MODEL

DS-K3B601-L	DS-K3B601A-L
DS-K3B601-M	DS-K3B601A-M
DS-K3B601-R	DS-K3B601A-R

Notes:

- The brushless DC electric motor of DS-K3B601A series and DS-K3B601 series are different.
- L represents pedestal on the left, M represents pedestal in the middle, and R represents pedestal on the right.

MAIN FEATURES

- Brushless DC electric motor supports more than 5,000,000 (for DS-K3B601A series)/3,000,000 (for DS-K3B601 series) open/close barrier times
- 12 pairs of IR light detectors
  Permissions validation and anti-tailgating.
- Customizes audio prompt content
- Remote control door status via keyfob
  One keyfob can pairs one swing barrier, while one swing barrier can connect up to 32 keyfobs.
- 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.
- Anti-force accessing
  The barrier will be locked automatically without open-door signal when detecting force accessing (<120 Nm).
- Self-detection, Self-diagnostics, and automatic alarm

- Audible and visual alarm includes intrusion alarm, reverse passing alarm, tailgating alarm, and climbing over barrier 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.
- Barrier status settings for entrance and exit
- Supports multiple persons passing through the lane after continuous authentications
- People counting
- Door remaining open when fire alarm triggered
  The barrier will open automatically when alarm is triggered.
- Remote control and management via iVMS-4200 control client
- Online/offline operation
- Barrier is in free status when powering down

SPECIFICATIONS

Model	DS-K3B601-L	DS-K3B601A-L
	DS-K3B601-M	DS-K3B601A-M
	DS-K3B601-R	DS-K3B601A-R
Communication Interface	TCP/IP, I/O, RS-232, RS-485	
IR Light Detectors	12 pairs	
Throughput	30 to 60 persons per minute	
MCBF	> 5,000,000 times (for DS-K3B601A series) > 3,000,000 times (for DS-K3B601 series)	
Lane Width	550 mm to 1100 mm (21.65'' to 43.31'')	
Barrier Material	Stainless steel pipe; Acrylic glass (Optional)	
Pedestal Material	AISI304 stainless steel with the thickness of 1.5 mm (0.06'')	
Dimension (L × W × H) per Pedestal	Without Packaging: 1500 mm × 200 mm × 990 mm (59.06" × 7.87" × 38.98") With Packaging: 1610 mm × 300 mm × 1100 mm (63.39" × 11.81" × 43.31")	
Weight per Pedestal	With Packaging: 110 kg	
Power Supply	100 to 240 VAC; 50 to 60 Hz	
Working Temperature	-25 °C to 70 °C (-13 °F to 158 °F)	
Working Humidity	10% to 95% (No Condensing)	
Installation	Indoor/Outdoor	