

**HIKVISION**

# 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
<b>Communication Interface</b>	TCP/IP, I/O, RS-232, RS-485	
<b>IR Light Detectors</b>	12 pairs	
<b>Throughput</b>	30 to 60 persons per minute	
<b>MCBF</b>	> 5,000,000 times (for DS-K3B601A series) > 3,000,000 times (for DS-K3B601 series)	
<b>Lane Width</b>	550 mm to 1100 mm (21.65" to 43.31")	
<b>Barrier Material</b>	Stainless steel pipe; Acrylic glass (Optional)	
<b>Pedestal Material</b>	AISI304 stainless steel with the thickness of 1.5 mm (0.06")	
<b>Dimension (L × W × H) per Pedestal</b>	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")	
<b>Weight per Pedestal</b>	With Packaging: 110 kg	
<b>Power Supply</b>	100 to 240 VAC; 50 to 60 Hz	
<b>Working Temperature</b>	-25 °C to 70 °C (-13 °F to 158 °F)	
<b>Working Humidity</b>	10% to 95% (No Condensing)	
<b>Installation</b>	Indoor/Outdoor	