

DS-K3B601-x Swing Barrier



The DS-K3B601-x series swing barrier with 12 pairs of IR lights is designed to detect unauthorized entrances and exits. In coordination with the access control system, a person can authenticate and pass through the lane by swiping their ID card or showing their face (integrated with the DS-K5603-Z).

The swing barrier is widely used at stadiums, construction sites, residences, etc.

Available Models:

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

- Brushless DC Electric Motor Supports More than 3,000,000 Barrier Open and Close Motions
- 12 Pairs of IR Light Detectors
- Customizable Audio Prompts
- Audible and Visual Nipping Alarm
- Anti-Force Locking Mechanism
- Self-Detection, Self-Diagnostics, and Automatic Alarm
- Audible and Visual Alarms, Including Intrusion Alarm, Reverse Passing Alarm, Tailgating Alarm, and Barrier Climbing Alarm
- Management via Remote Control and iVMS-4200 Control Client

Specifications

System Parameters	
Communication Interface	TCP/IP, I/O, RS-232, RS-485
IR Light Detectors	12 pairs
Throughput	30 to 60 persons per minute
MCBF	>3,000,000 times
Lane Width Options	25.59" (650 mm), 29.53" (750 mm), 35.43" (900 mm), 43.31" (1100 mm)
Barrier Metal	Stainless steel; acrylic glass (optional)
Pedestal Metal	AISI304 stainless steel with the thickness 0.06" (1.5 mm)
Dimensions (L x W x H) per Pedestal	Without packaging: 59.06" x 7.87" x 38.98" (1500 mm x 200 mm x 990 mm) With packaging: 63.39" x 11.81" x 43.31" (1610 mm x 300 mm x 1100 mm)
Weight per Pedestal	With packaging: 242 lbs (110 kg)
Power Supply	100 to 240 VAC; 50 to 60 Hz
Power Consumption	320 W per lane
Working Temperature	-13° F to 158° F (-25° C to 70° C)
Working Humidity	10% to 90% (non-condensing)

Dimensions

Note: this diagram reflects a 650 mm lane width

