The swing barrier with two barriers and 24 pairs of IR lights is designed to detect unauthorized entrance or exit. By adopting the swing barrier integrated 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-K3B801-L
- DS-K3B801-M
- DS-K3B801-R
- DS-K3B801A-L
- DS-K3B801A-M
- DS-K3B801A-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 visitors flow
- The barrier will be locked or stop working when people are nipped
- Anti-forced-accessing
  - The barrier will be locked automatically without open-barrier signal. It can bear the force of up to 120 Nm.
- Self-detection, Self-diagnostics, and automatic alarm
- Audible and visual alarm will be triggered when detecting intrusion, tailgating, reverse passing, climbing over barrier, and overstay
- IP conflict detection
- Remote control and management
Online/offline operation

LED indicates the entrance/exit and light bar indicates passing status

Barrier is in free status when powered down; If the device is installed with lithium battery (optional), the 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

Adds up to 3000 visitor cards and up to 60,000 cards except for visitor cards

Stores up to 180000 card swiping records

Supports anti-passback of single lane and cross-controller anti-passback

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>DS-K3B801 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication interface</td>
<td>TCP/IP, I/O, RS-232, RS-485</td>
</tr>
<tr>
<td>IR light detectors</td>
<td>24 pairs</td>
</tr>
</tbody>
</table>
| Throughput | 20 to 60 persons per minute  
The actual throughput is affected by the person passing rate and passing method. |
| MCBF | > 5,000,000 times (for DS-K3B801A series)  
> 3,000,000 times (for DS-K3B801 series) |
| Power supply | 100 to 240 VAC; 50 to 60 Hz |
| Working temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working humidity | 10% to 95% (No condensing) |
| Lane width | 550 mm to 1100 mm (21.65" to 43.31") |
| Barrier material | Acrylic |
| Pedestal material | AISI304 stainless steel with the thickness of 2 mm (0.08") |
| Dimension (L × W × H) per pedestal | With packaging: 1688 mm × 348 mm × 1318 mm (66.5" × 13.7" × 51.9")  
Without packaging: 1500 mm × 160 mm × 1010 mm (59.1" × 6.3" × 39.8") |
| Weight per pedestal (with packaging) | Left and right pedestal: 146.5 kg (323.0 lbs)  
Middle pedestal: 170.4 kg (375.7 lbs) |
| Approval | EMC (47 CFR Part 15,Subpart B;  
Safety (IEC 60950-1:2005(Second Edition)+Am 1:2009+Am22013,  
RF (47 CFR Part 15,Subpart C; EN 301 489-1 V2.1.1, EN 301 489-17 V3.1.1,  
EN 300 330 V2.1.1, EN 300 220-1 V3.1.1, EN 300 200-2 V3.1.1, EN 62311: 2008)  
Typical Application

Management Center

Card Enrollment Station

Local Area Network (TCP/IP)

Face Recognition Terminal

UTP

USB

RS-232

Optional

RS-232
Dimensions (Unit: mm)

Front View

1000 mm
650 mm (Lane Width)
160 mm
50 mm
100 mm
950 mm
50 mm
955 mm

Top View

1000 mm
680 mm
160 mm
50 mm
15 mm
15 mm
50 mm

Distributed by

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-896-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469800
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-8600
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5902770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6802
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-6050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070-7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01629-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 6351172
sale.africa@hikvision.com

Hikvision UAE
T +071-4-4032000
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info-es@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-97270888
sales.vt@hikvision.com

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Rusia
T +7-495-699-67-99
salesru@hikvision.com

Hikvision Korea
T +82-031-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +82-21-293759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

© Hikvision Digital Technology Co., Ltd. 2019 | Data subject to change without notice |