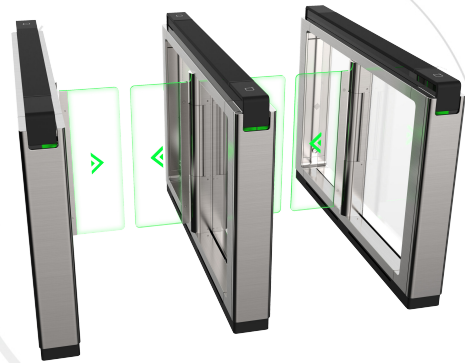


## DS-K3B801 Series Swing Barrier

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

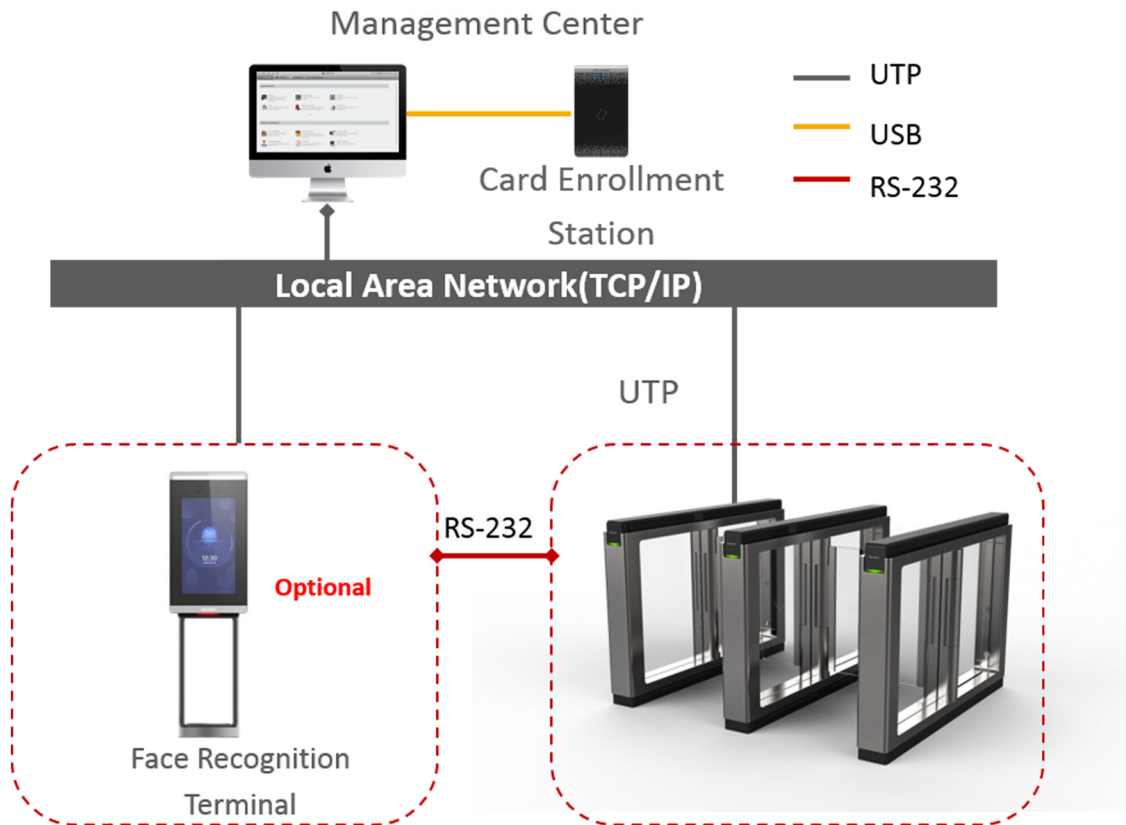


- Online/offline operation
- LED indicates the entrance/exit and light bar indicates passing status
- Barrier is in free status when powered down; If the device is installed with lithium battery (optional), the barrier remains open when powered down
- Fire alarm passing  
When the fire alarm is triggered, 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

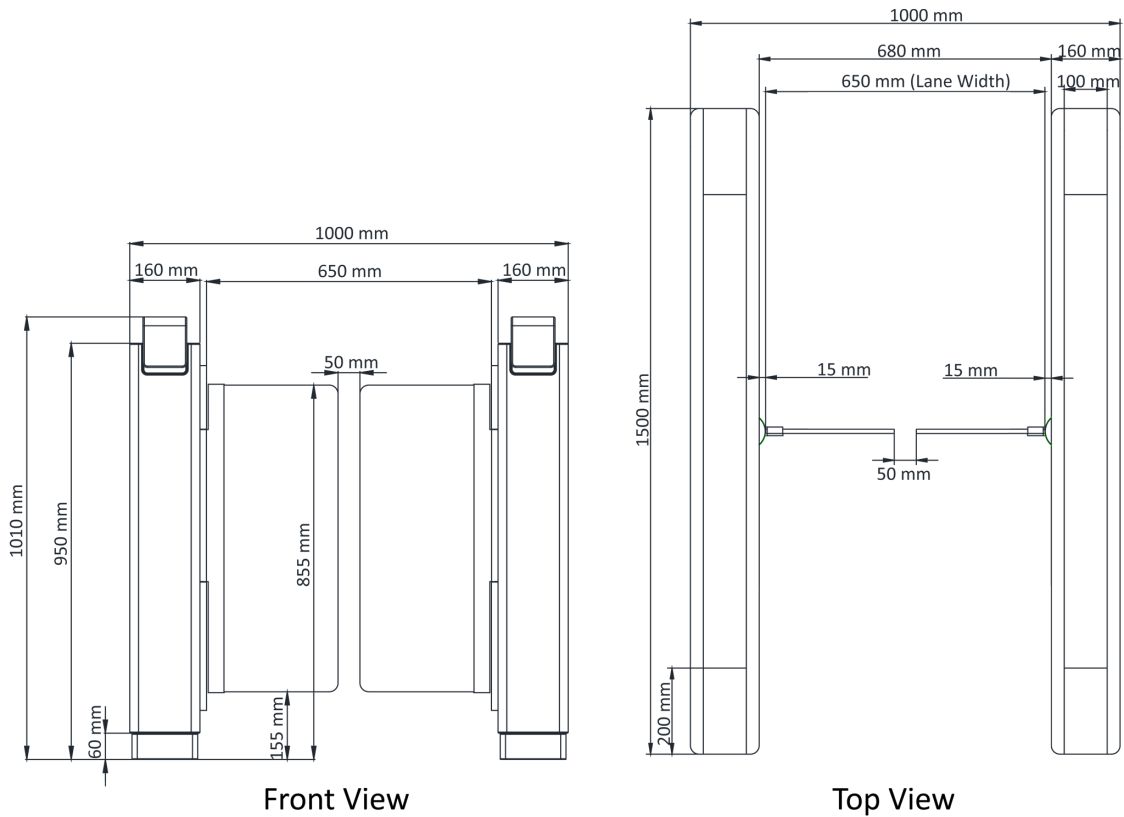
## Specifications

Model	DS-K3B801 Series
Communication interface	TCP/IP, I/O, RS-232, RS-485
IR light detectors	24 pairs
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; EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN50130-4:2011+A1:2014) Safety (IEC 60950-1:2005(Second Edition)+Am 1:2009+Am22013, EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013) 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) Sustainability (WEEE: 2012/19/EU, REACH: Regulation(EC) No 1907/2006, RoHS: 2011/65/EU)

## Typical Application



## Dimensions (Unit: mm)



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