



One-Stop Access Control Solutions

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Note:

All information contained in this document, including but not limited to product features, technical specifications, and applications, is provided for reference purposes only. The actual product may vary. BSDOOR reserves the right to modify or improve products without prior notice.



Product Brochure

Founded in 2008, BSDOOR is a premier integrated access control solution provider headquartered in Foshan, Guangdong. Specializing in intelligent entrance and exit access control industry for over a decade, deliver unified pedestrian & vehicle passage solutions globally, winning widespread trust from clients worldwide.

Covering a total production area of 5,000 square meters, our factory is equipped with complete advanced automated production lines. Our products serve diversified scenarios including industrial parks, smart residential communities, schools, government institutions, ports and commercial complexes.

We have obtained ISO9001:2015 international quality management system certification, CE certification and RoHS certification, which guarantee standardized, stable and reliable product quality for all global partners. We have also won a variety of authoritative industry honors, including National Brand with Reliable Product Quality, Preferred Supplier for Government Procurement and Famous Chinese Brand.

Our professional after-sales team provides one-on-one technical support, and we offer professional technical suggestions and implementation solutions promptly upon receiving client feedback. Our products and supporting solutions have been deployed in many landmark projects, including Foshan Smart Village renovation, entrance upgrades at Guangzhou South Railway Station and Guangdong Provincial Fire Department, the renovation project of Afghanistan General Customs Administration. We also serve major private enterprises such as Midea Headquarters, Hong Kong Zhongke, and CP Lotus Thailand for their facility upgrading projects.

Corporate Culture

Vision: A global pioneer of intelligent access solutions

Mission: Deliver safer, more efficient, smarter passage management

Core Values: Client-centric, committed, integrity-driven, win-win oriented

Philosophy: Empower partners, value staff, grow sustainably, give back to society



(Office building and product experience center)



(Production and Warehousing Center)

CONTENT

01	Speed Gate	P01-22
02	Swing Turnstile	P23-48
03	Flap Turnstile	P49-60
04	Sliding Turnstile	P61-62
05	Tripod Turnstile	P63-64
06	Full Height Turnstile	P65-76
07	Interlocking AB Speed Gate	P77-80
08	Vehicle Boom Barrier	P81-86
09	License Plate Recognition	P87-88
10	Security Series	P89-94

Pedestrian Access Control Solution

Smart Secure Efficient

The BSDOOR pedestrian turnstile system delivers secure, intelligent and efficient entrance management solutions for diverse application scenarios. Our product lineup includes speed gates, swing turnstiles, flap barriers, sliding turnstiles, tripod turnstiles, full-height turnstiles, and AB interlocking speed gates. Leveraging advanced access control technology, robust structural design and flexible system integration capabilities, the system fulfills security management requirements for all kinds of scenarios.

Basic Features



High Security



High Passage Efficiency



Reliability & Durability



Intelligent Control



Safety Priority



Easy Integration



Easy Maintenance



Multi-scenario Adaptability

Application Scenarios



Office Buildings



Industrial Parks



Ticketing System



Public Institutions



Transport Hubs



Residential Communities

FUNCTION EXTENSIONS

Access Authentication



Face Recognition



Fingerprint Recognition



QR Code Recognition



ID Recognition



RFID Card

Customized Management System



Consumption System (Amount & Times)



Attendance System



Card Recycling System



Ticketing System



Construction Site Access System

Hardware & Background Control



Custom Device Appearance



External Customizable LED Display



Optional Hardware Accessories



Mobile APP Remote Control

BSD-STM-100

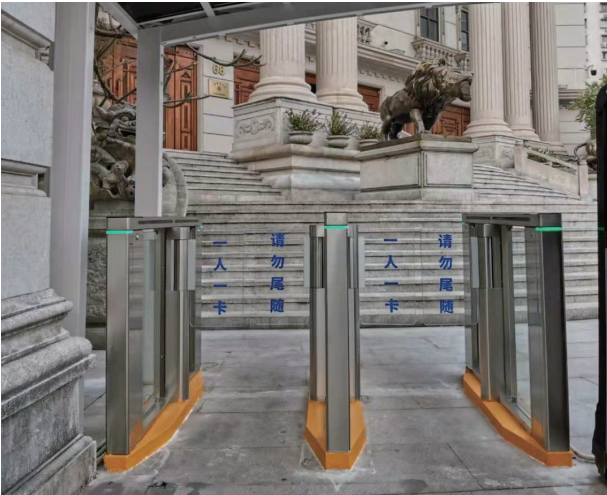
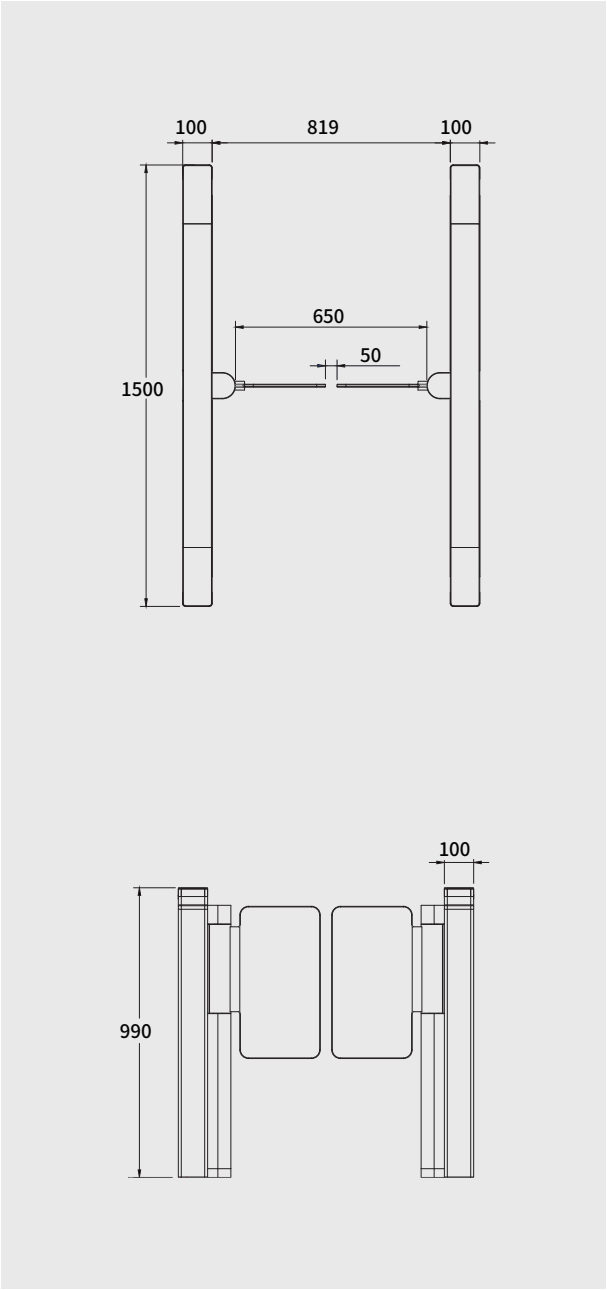
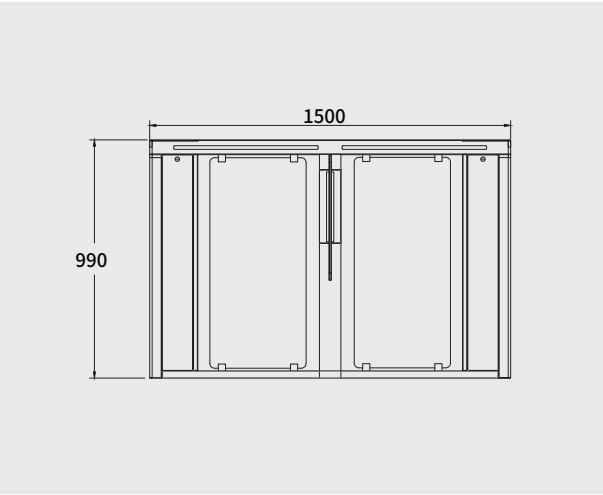
Speed Gates for Smart Buildings and High-end Office Buildings



Service Lifespan	Operating Speed	Arm Height	Passage Width
≥10 Million Operations	0.3-0.8 s	925mm	550~800mm



Model	Outdoor / Indoor Type
Swing Arm Material	Top Cover Light
Infrared Beams	4 / 6 pairs
Device Dimension	L1500mm * W100mm * H990mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550-800mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	10 million operations
Operating Speed	Customizable: 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



Anti-Smuggling Sub-bureau of Guangzhou Customs



An unnamed police station in the Philippines



Porsche Building, Dongguan



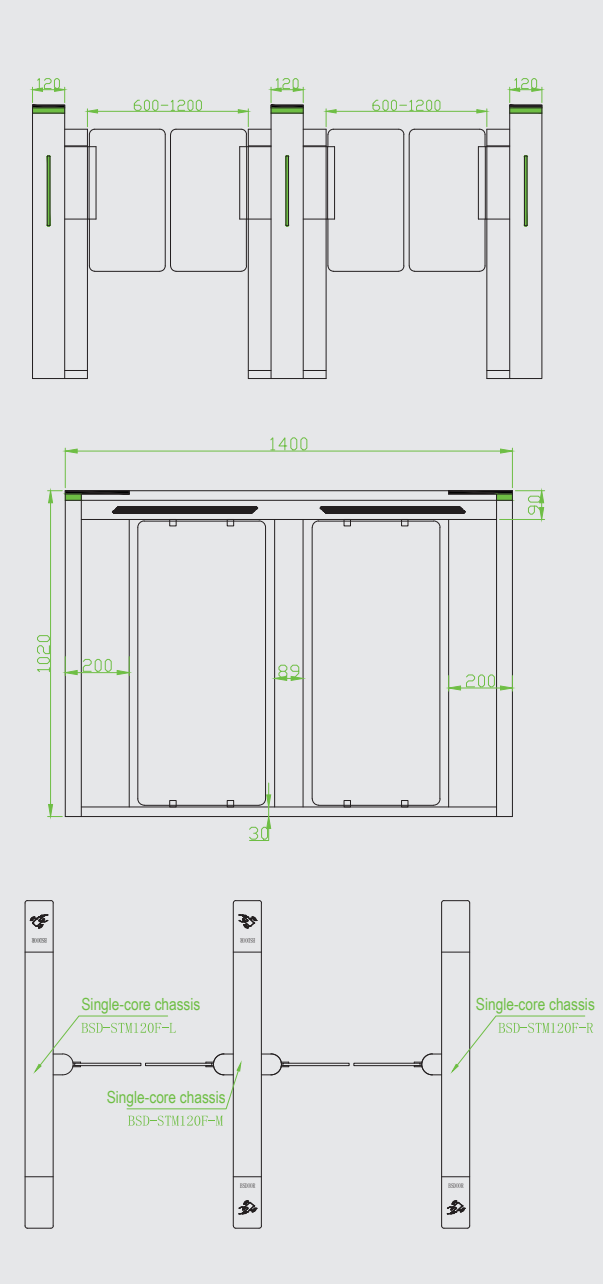
Canteen of an unspecified government agency, Wuhan Optics Valley

BSD-STM-120-01

120 Speed Gate



Model	Outdoor / Indoor Type
Swing Arm Material	Top Cover Light
Infrared Beams	4 / 6 pairs
Device Dimension	L1400mm * W120mm * H1050mm
Cabinet Material	SUS304, t1.5mm (main body) + t1.5mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~800mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	10 million operations
Operating Speed	Customizable: 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-STM-120-02

Speed Gates for Smart Communities



Service Lifespan

≥10 Million Operations

Operating Speed

0.3-0.8 s

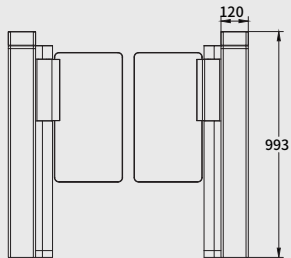
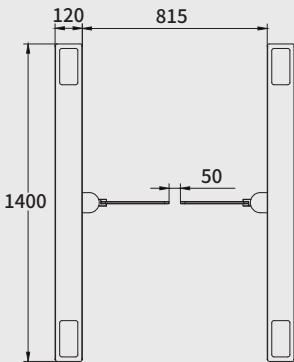
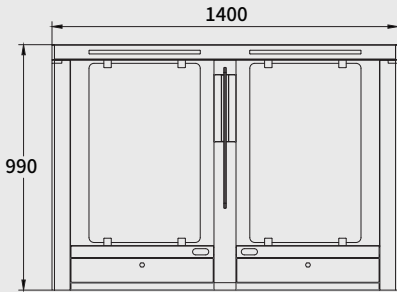
Arm Height

925mm

Passage Width

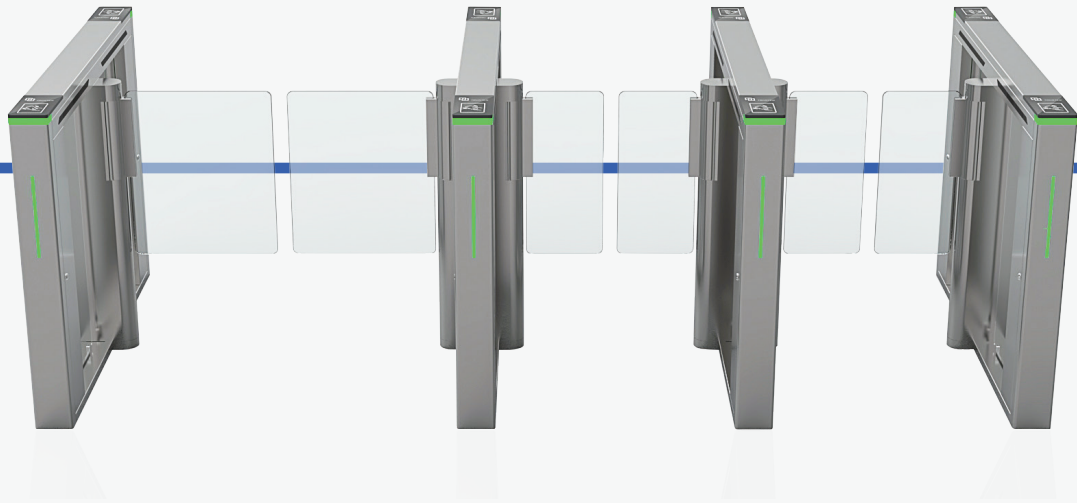
550~800mm

Model	Outdoor / Indoor Type
Swing Arm Material	Top Cover Light
Infrared Beams	4 / 6 pairs
Device Dimension	L1400mm * W120mm * H990mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~800mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	10 million operations
Operating Speed	Customizable: 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-STM-120-03

Speed Gates for Smart Communities



Service Lifespan
≥10 Million Operations

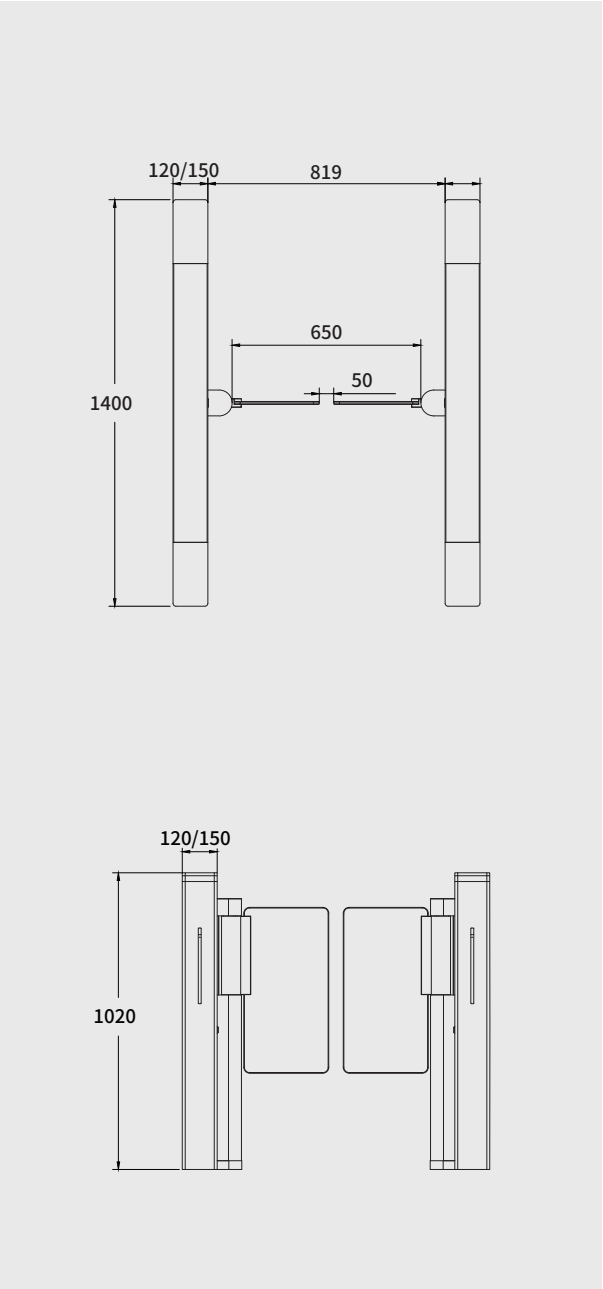
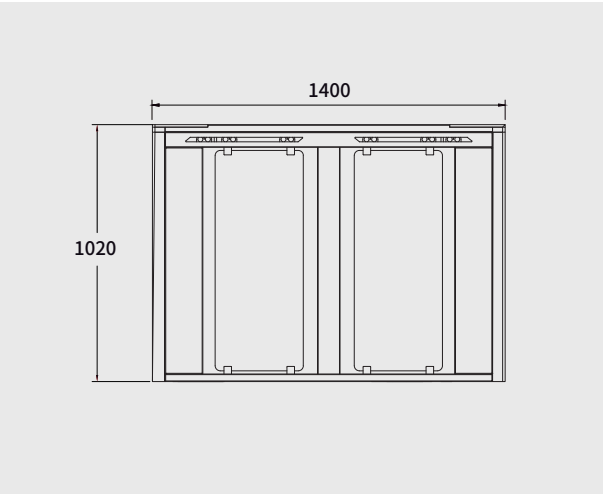
Operating Speed
0.3-0.8 s

Arm Height
925mm

Passage Width
550~800mm



Model	Outdoor / Indoor Type
Swing Arm Material	Top Cover Light
Infrared Beams	4 / 6 pairs
Device Dimension	L1400mm * W120/150mm * H1020mm
Cabinet Material	SUS304, t1.2mm (main body) + t1.5mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550-800mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	10 million operations
Operating Speed	Customizable: 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



An undisclosed training school in Huizhou



Entrance & Exit of an undisclosed large enterprise in Dongguan



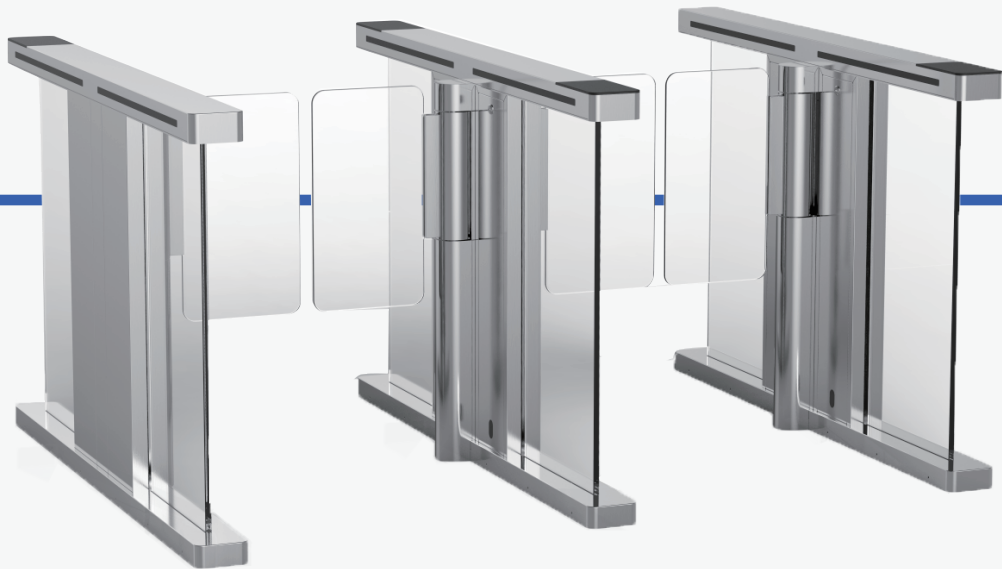
An undisclosed government agency in Taiyuan, Shanxi



An Undisclosed Exhibition in Shenzhen

BSD-STM-120-04

Speed Gates for Smart office building



Service Lifespan

≥10 Million Operations

Operating Speed

0.3-0.8 s

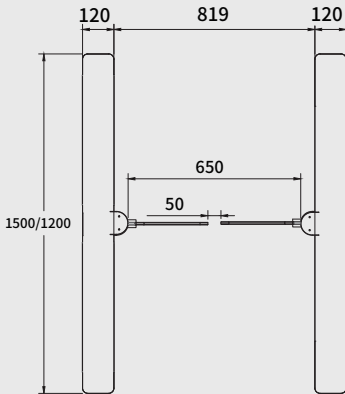
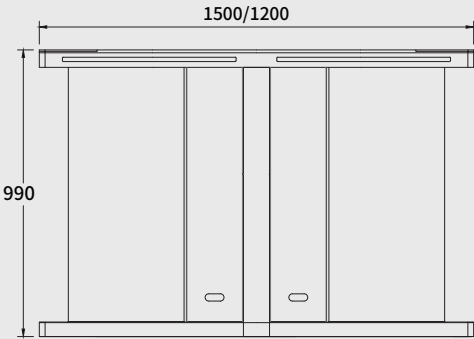
Arm Height

925mm

Passage Width

550~800mm

Model	Outdoor / Indoor Type
Swing Arm Material	Top Cover Light
Infrared Beams	4 / 6 pairs
Device Dimension	L1500/1200mm * W120mm * H990mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~800mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	10 million operations
Operating Speed	Customizable: 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-STM-120Y-01

Premium Speed Gates for Smart Office Building



Service Lifespan

≥10 Million Operations

Operating Speed

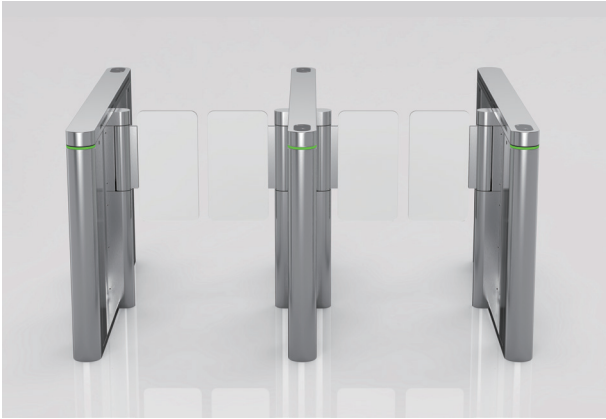
0.3-0.8 s

Arm Height

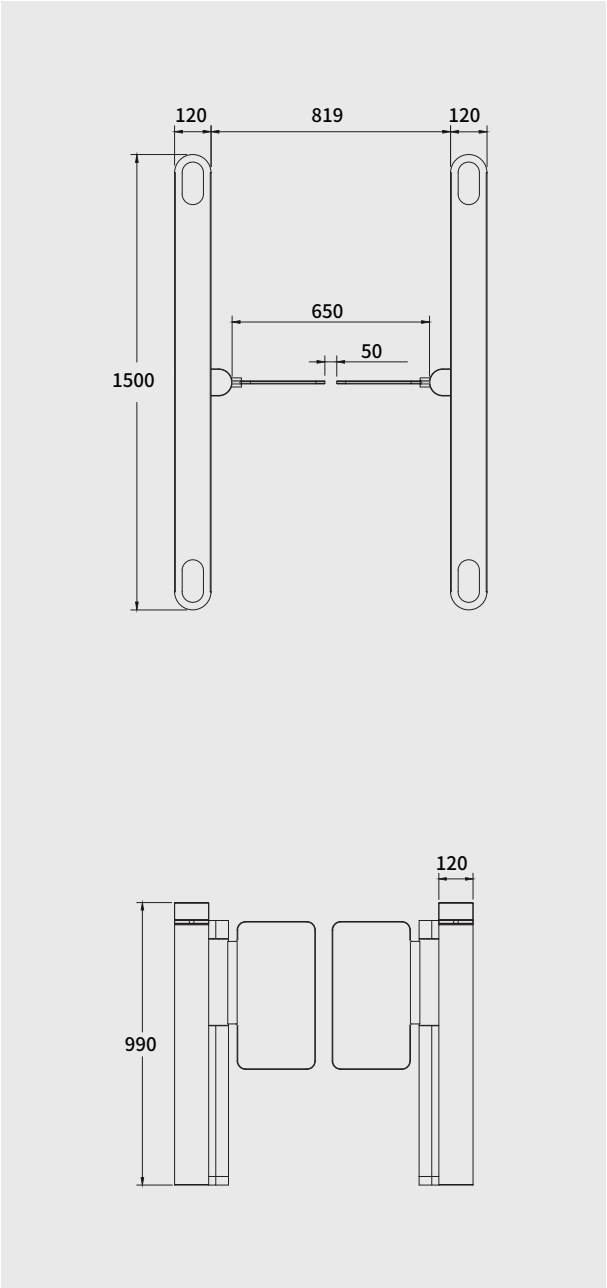
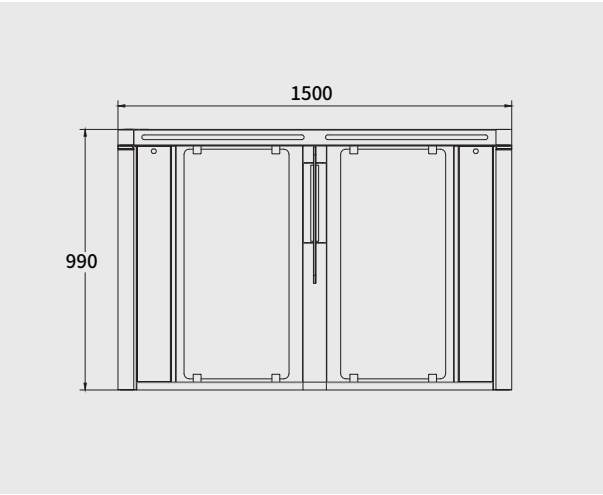
925mm

Passage Width

550~800mm



Model	Outdoor / Indoor Type
Swing Arm Material	Top Cover Light
Infrared Beams	4 / 6 pairs
Device Dimension	L1500mm * W120mm * H990mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550-800mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	10 million operations
Operating Speed	Customizable: 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



An Undisclosed Exhibition in Shenzhen



An undisclosed enterprise exhibition hall in Shenzhen



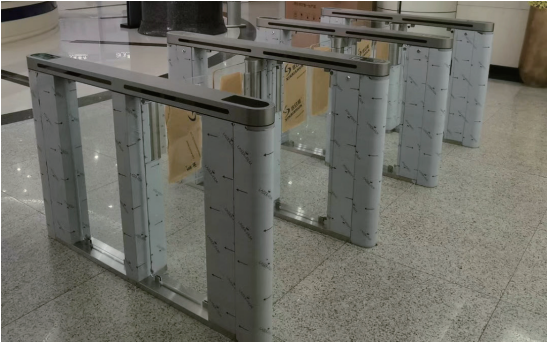
Henan No.4 Construction Group Co., Ltd.



Shanghai British School, Puxi Campus



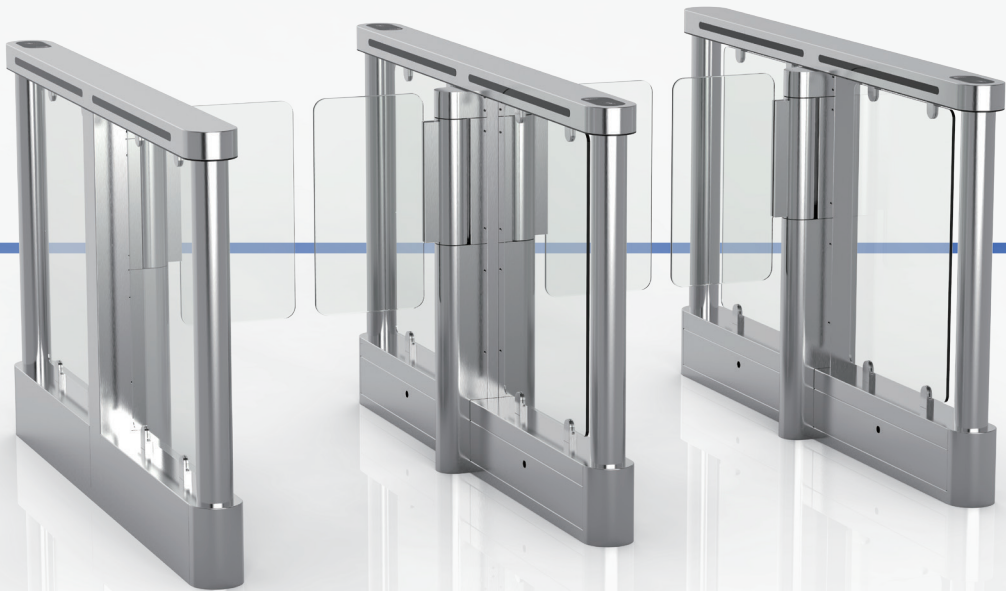
Jintiandi Building, Shanghai



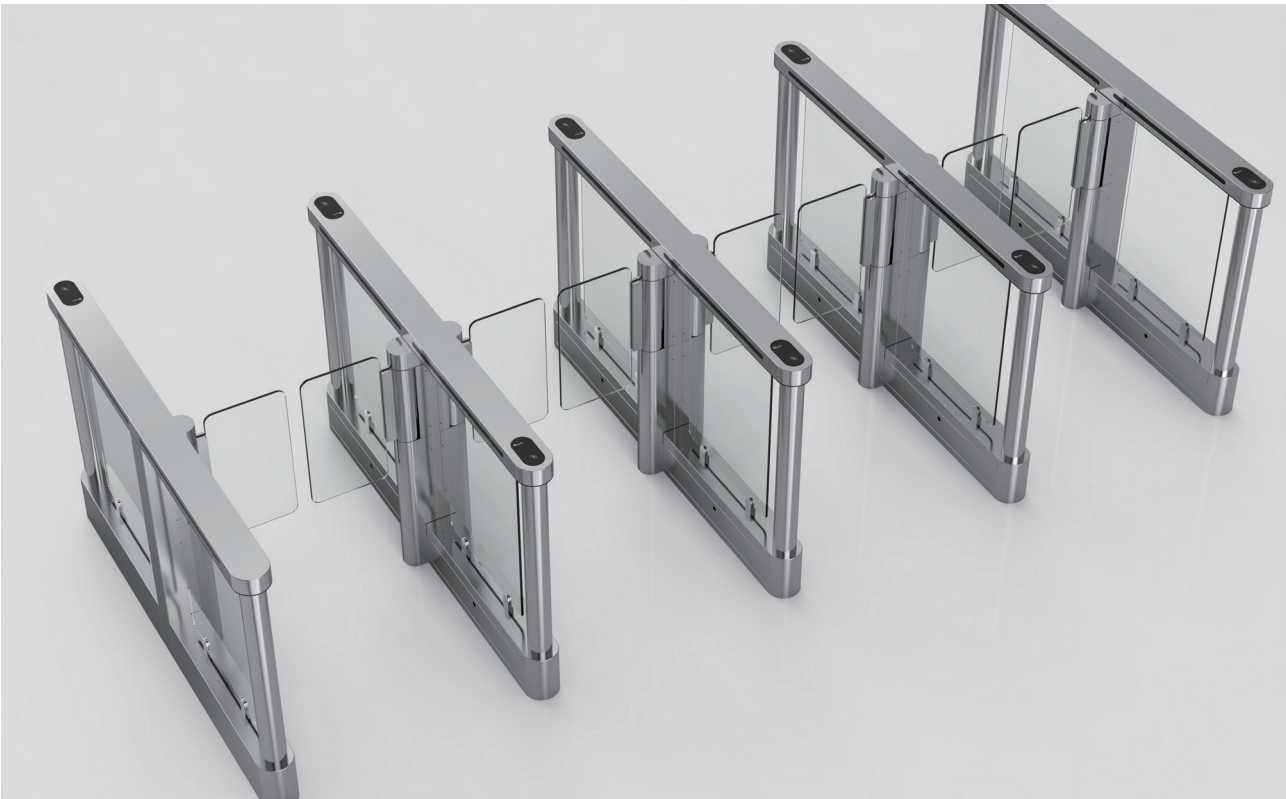
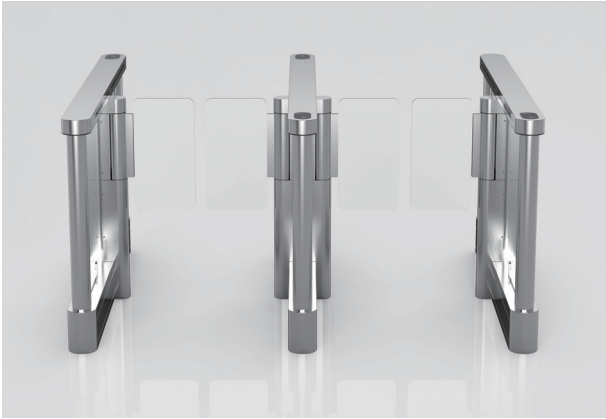
Bank of Communications Zhongshan Branch, Guangdong

BSD-STM-120Y-02

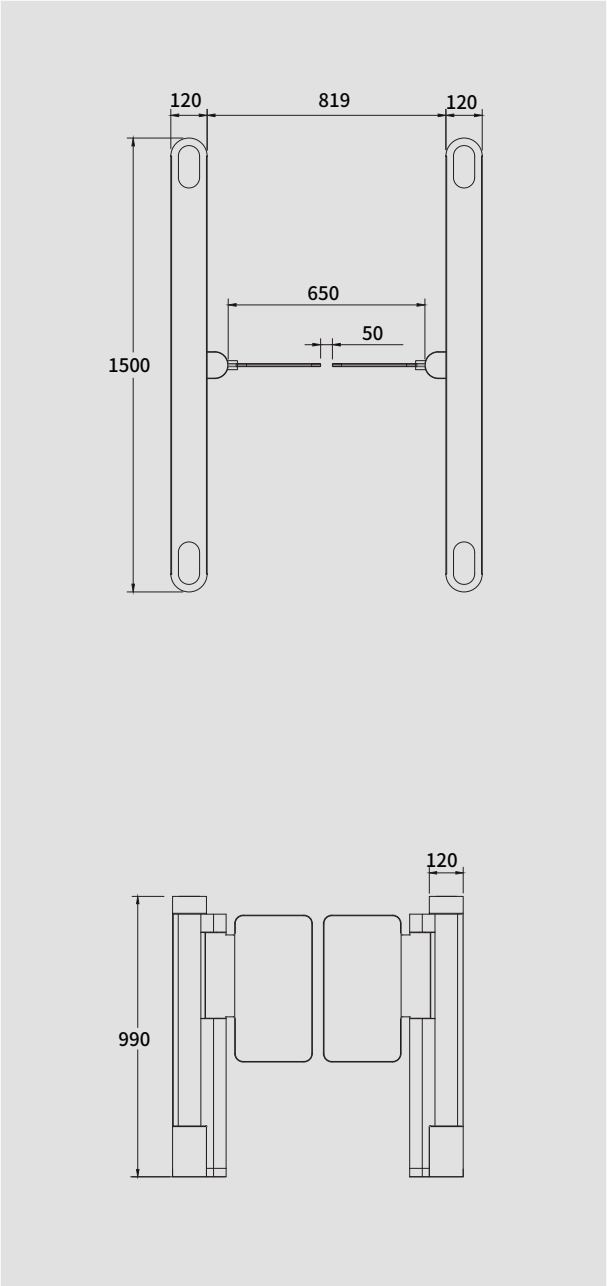
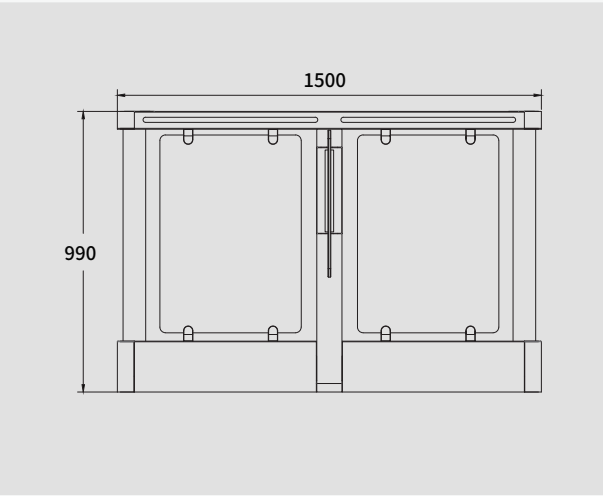
Speed Gates for Smart Office Building



Service Lifespan	Operating Speed	Arm Height	Passage Width
≥10 Million Operations	0.3-0.8 s	925mm	550~800mm



Model	Outdoor / Indoor Type
Swing Arm Material	Top Cover Light
Infrared Beams	4 / 6 pairs
Device Dimension	L1500mm * W120mm * H990mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550-800mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	10 million operations
Operating Speed	Customizable: 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



Shenzhen Anke Robotics Logistics Park



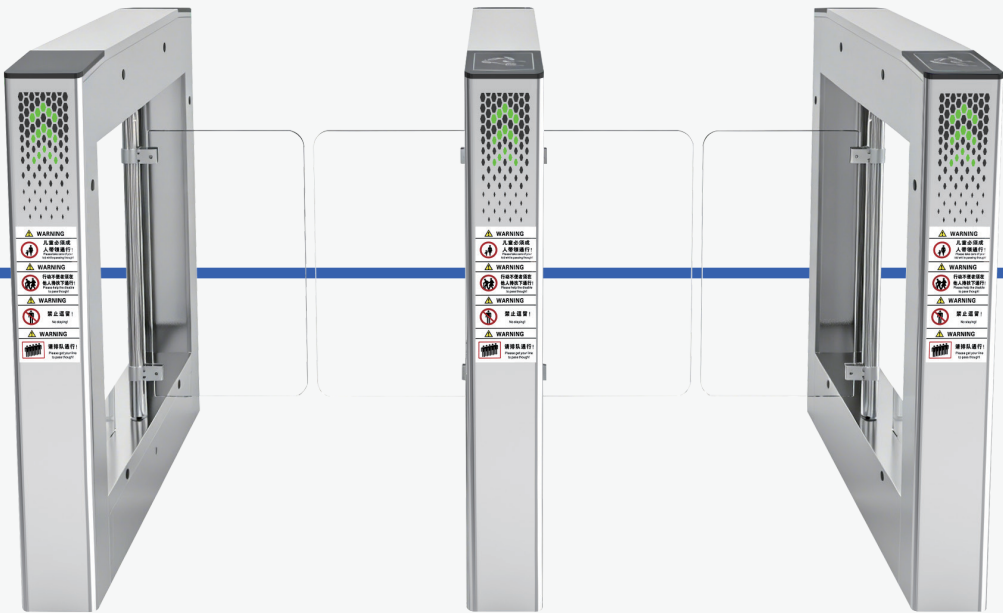
Logistics & Pedestrian Access, Building B, China Resources Phase II, Shenzhen



Case Study of an Undisclosed Commercial Building in Shanghai

BSD-STBZ-160

Premium Speed Swing Turnstile



Service Lifespan

≥6 Million Operations

Operating Speed

0.5-1.5 s

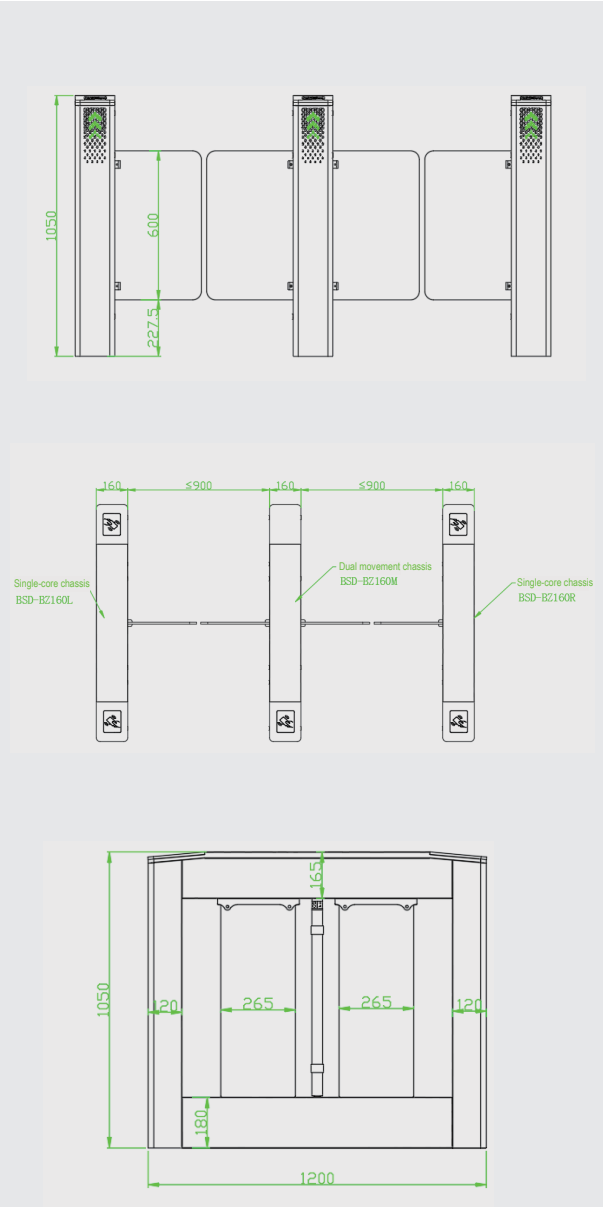
Passage Capacity

25-40 Persons/Min

Passage Width

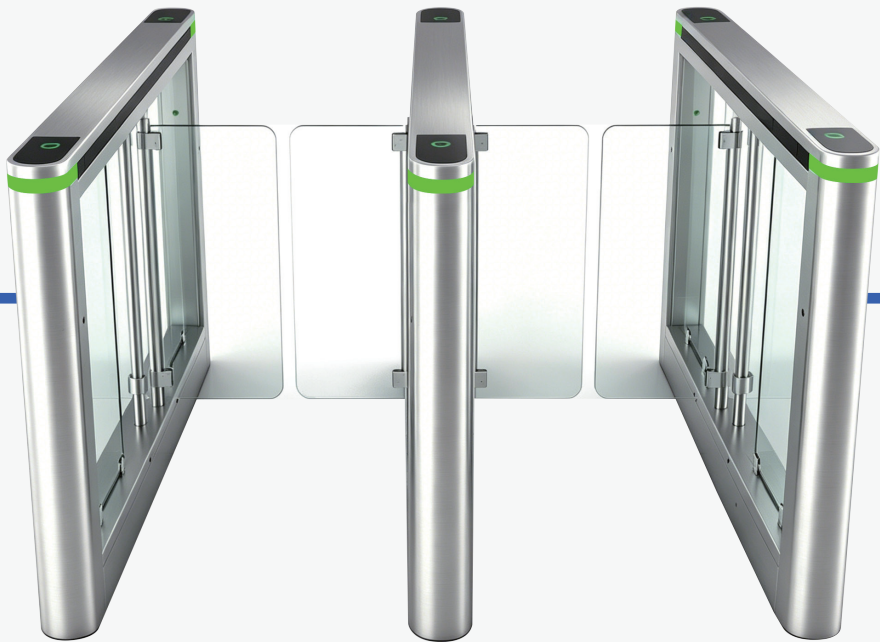
550~900mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 10mm acrylic panel
Infrared Beams	4 pairs (6 pairs optional)
Device Dimension	L1200mm * W160mm * H1050mm
Cabinet Material	SUS304, t1.2mm (main body) +t1.5mm (top cover)
Input Voltage	AC100~230V, 50/60Hz
Drive Motor	DC24V
Motor Power	45W
Opening & Closing Time	0.5s-1.5s adjustable
Hold-open Delay	Pulse Trigger (Adjustable) 1~60s; Continuous Signal
Response Time	0.2s
Passage Capacity	25~40persons per minute
Ambient Temperature	-20 C ~ +70 C
Passage Width	Standard 800mm; optional ≤ 900mm
Electrical Safety	Over-current, over-load & short-circuit protection
Fault Self-test	Power-on self-test, audible & visual alarm, operation log, remote diagnosis
Power-fail Protection	Auto-unlock on power failure, compliant with fire evacuation requirements
Anti-pinch Function	Multi anti-pinch protection: mechanical + infrared detection
Status Indicator	High-brightness LED indicator for passage guidance



BSD-STBZ-120Y

Premium Speed Swing Turnstile



Service Lifespan

≥6 Million Operations

Operating Speed

0.5-1.5 S

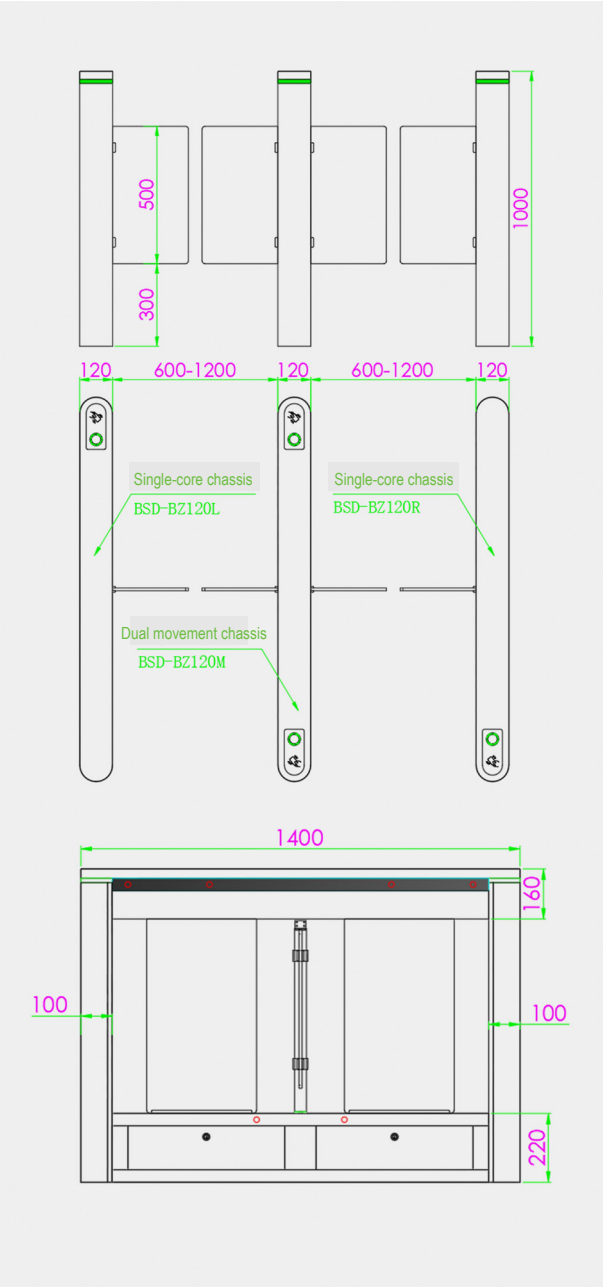
Passage Capacity

25-40 Persons/Min

Passage Width

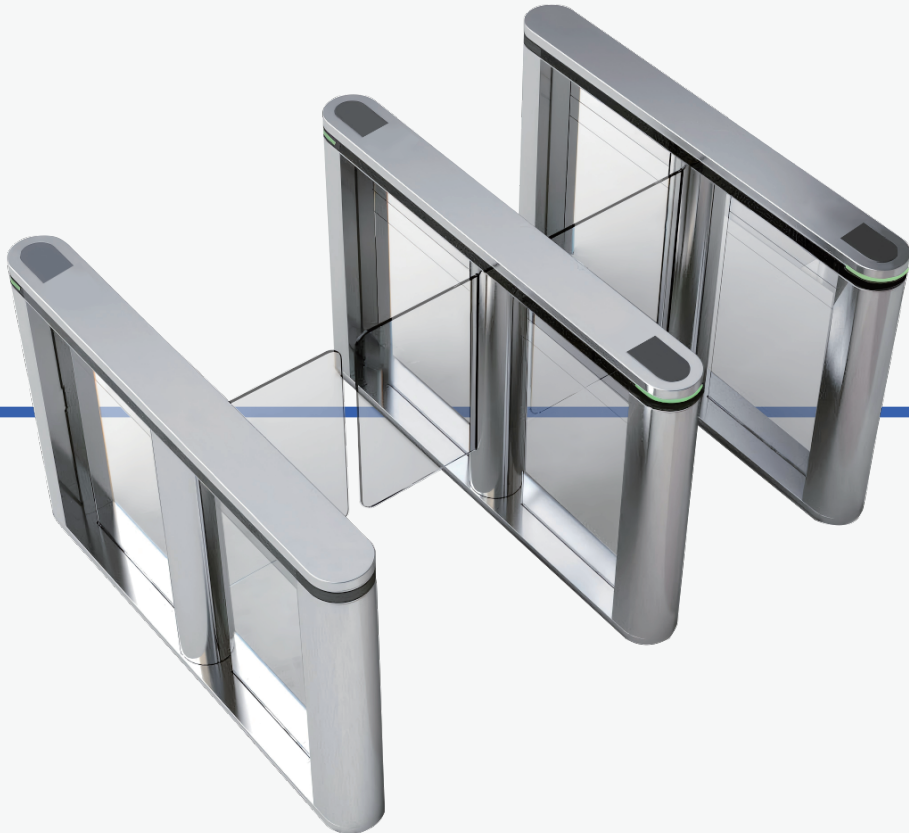
550~1200mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 10mm acrylic panel
Infrared Beams	4 pairs (6 pairs optional)
Device Dimension	L1400mm * W120mm * H1000mm
Cabinet Material	SUS304, t1.2mm (main body) +t1.5mm (top cover)
Input Voltage	AC100~230V, 50/60Hz
Drive Motor	DC24V
Motor Power	45W
Opening & Closing Time	0.5s-1.5s adjustable
Hold-open Delay	Pulse Trigger (Adjustable) 1~60s; Continuous Signal
Response Time	0.2s
Passage Capacity	25~40persons per minute
Ambient Temperature	-20 C ~ +70 C
Passage Width	Standard 600mm; optional 550-1200mm
Electrical Safety	Over-current, over-load & short-circuit protection
Fault Self-test	Power-on self-test, audible & visual alarm, operation log, remote diagnosis
Power-fail Protection	Auto-unlock on power failure, compliant with fire evacuation requirements
Anti-pinch Function	Multi anti-pinch protection: mechanical + infrared detection
Status Indicator	High-brightness LED indicator for passage guidance



BSD-STBZ-150Y

Premium Speed Swing Turnstile



Service Lifespan

≥6 Million Operations

Operating Speed

0.5-1.5 S

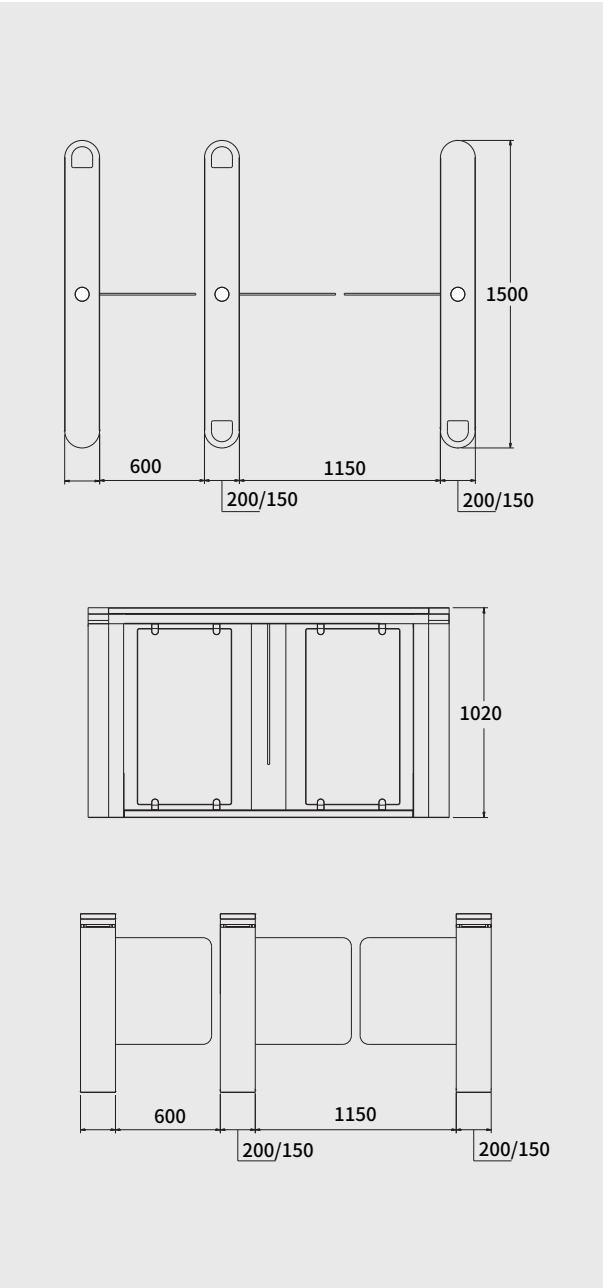
Passage Capacity

25-40 Persons/Min

Passage Width

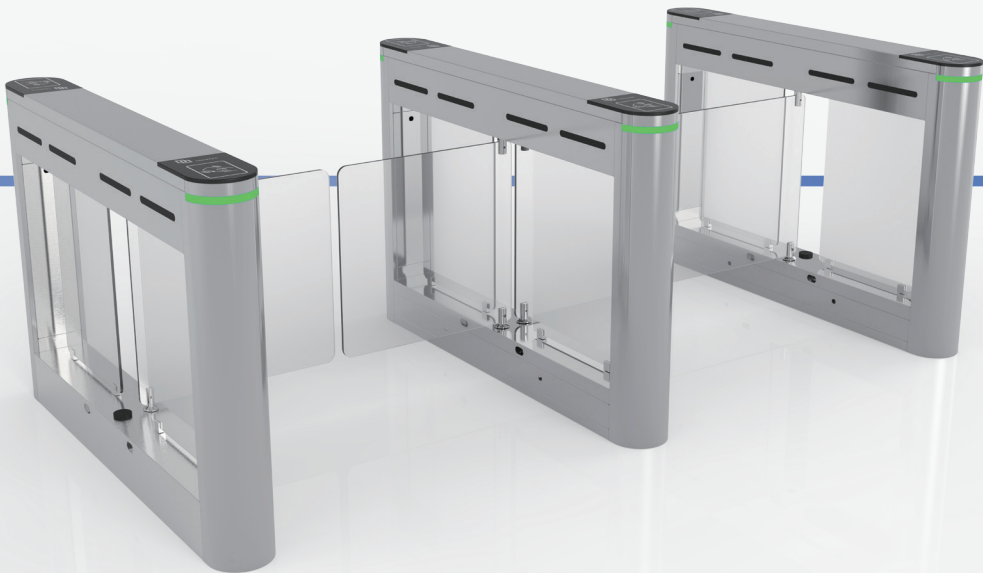
550~1200mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 10mm acrylic panel
Infrared Beams	4 pairs (6 pairs optional)
Device Dimension	L1500mm * W150/200mm * H1020mm
Cabinet Material	SUS304, t1.5mm (main body) +t2.0mm (top cover)
Input Voltage	AC100~230V, 50/60Hz
Drive Motor	DC24V
Motor Power	45W
Opening & Closing Time	0.5s-1.5s adjustable
Hold-open Delay	Pulse Trigger (Adjustable) 1~60s; Continuous Signal
Response Time	0.2s
Passage Capacity	25~40persons per minute
Ambient Temperature	-20 C ~ +70 C
Passage Width	Standard 600mm; optional 550-1200mm
Electrical Safety	Over-current, over-load & short-circuit protection
Fault Self-test	Power-on self-test, audible & visual alarm, operation log, remote diagnosis
Power-fail Protection	Auto-unlock on power failure, compliant with fire evacuation requirements
Anti-pinch Function	Multi anti-pinch protection: mechanical + infrared detection
Status Indicator	High-brightness LED indicator for passage guidance



BSD-STBZ-180Y

Premium Speed Swing Turnstile



Service Lifespan

≥6 Million Operations

Operating Speed

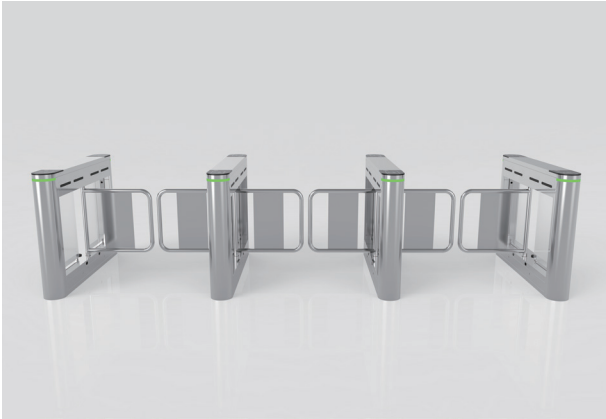
0.5-1.5 s

Passage Capacity

25-40 Persons/Min

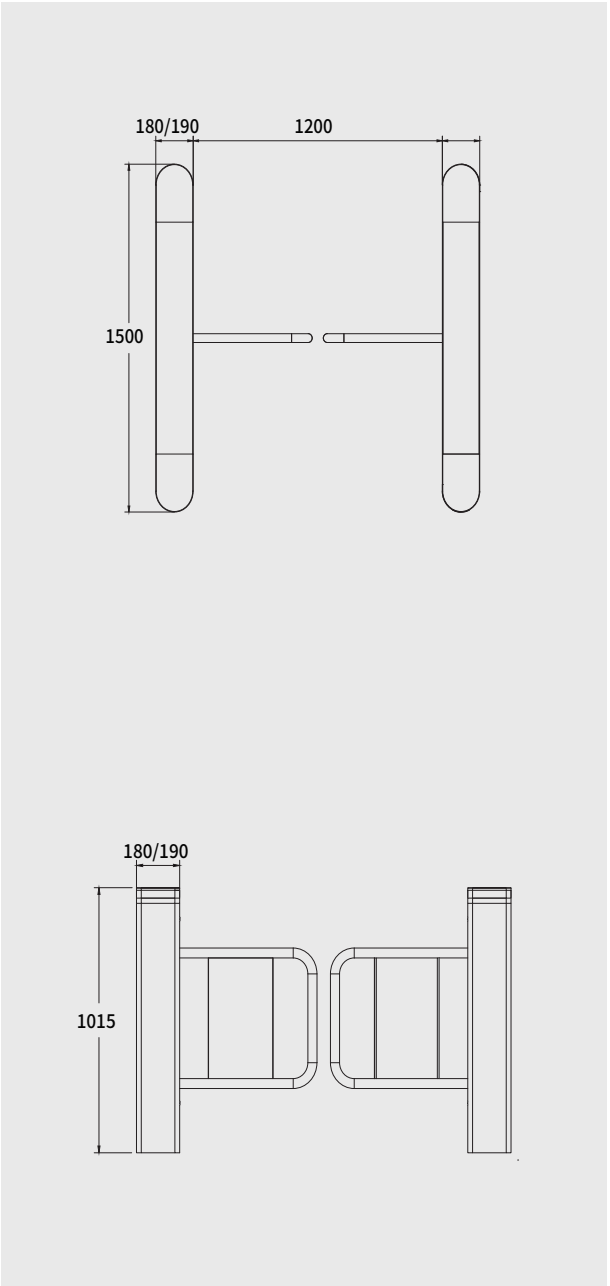
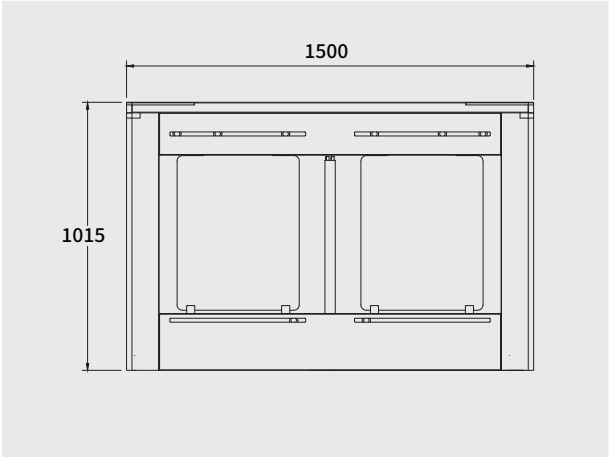
Passage Width

550~1200mm



Swing Turnstile

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 10mm acrylic panel
Infrared Beams	4 pairs (6 pairs optional)
Device Dimension	L1500mm * W180/190mm * H1015mm
Cabinet Material	SUS304, t1.5mm (main body) +t2.0mm (top cover)
Input Voltage	AC100–230V, 50/60Hz
Drive Motor	DC24V
Motor Power	45W
Opening & Closing Time	0.5s-1.5s adjustable
Hold-open Delay	Pulse Trigger (Adjustable) 1–60s; Continuous Signal
Response Time	0.2s
Passage Capacity	25–40persons per minute
Ambient Temperature	-20℃ ~ +70℃
Passage Width	Standard 600mm; optional 550-1200mm
Electrical Safety	Over-current, over-load & short-circuit protection
Fault Self-test	Power-on self-test, audible & visual alarm, operation log, remote diagnosis
Power-fail Protection	Auto-unlock on power failure, compliant with fire evacuation requirements
Anti-pinch Function	Multi anti-pinch protection: mechanical + infrared detection
Status Indicator	High-brightness LED indicator for passage guidance



Jiannan Financial Center, Foshan



A Residential Community in Qingdao, Shandong Province



Shenzhen Expo



Case Study of a School in Shenzhen

BSD-STBZ-180

Premium Speed Swing Turnstile



Service Lifespan

≥6 Million Operations

Operating Speed

0.5-1.5 s

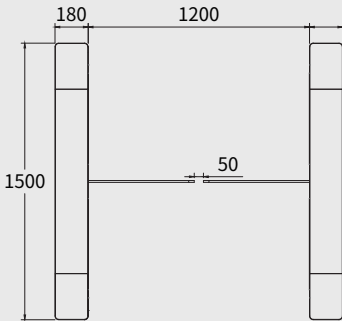
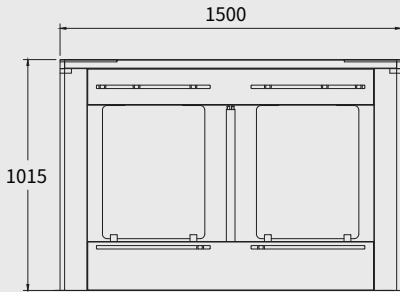
Passage Capacity

25-40 Persons/Min

Passage Width

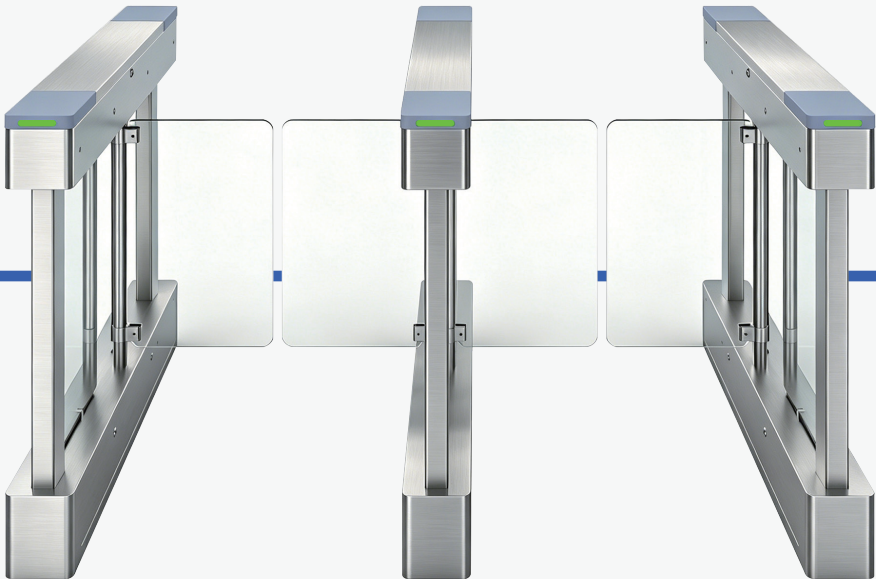
550~1200mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 10mm acrylic panel
Infrared Beams	4 pairs (6 pairs optional)
Device Dimension	L1500mm * W180mm * H1015mm
Cabinet Material	SUS304, t1.5mm (main body) +t2.0mm (top cover)
Input Voltage	AC100~230V, 50/60Hz
Drive Motor	DC24V
Motor Power	45W
Opening & Closing Time	0.5s-1.5s adjustable
Hold-open Delay	Pulse Trigger (Adjustable) 1~60s; Continuous Signal
Response Time	0.2s
Passage Capacity	25~40persons per minute
Ambient Temperature	-20 C ~ +70 C
Passage Width	Standard 600mm; optional 550-1200mm
Electrical Safety	Over-current, over-load & short-circuit protection
Fault Self-test	Power-on self-test, audible & visual alarm, operation log, remote diagnosis
Power-fail Protection	Auto-unlock on power failure, compliant with fire evacuation requirements
Anti-pinch Function	Multi anti-pinch protection: mechanical + infrared detection
Status Indicator	High-brightness LED indicator for passage guidance



BSD-BZ-150X

150 Anti-collision Slim Curve Swing Turnstile



Service Lifespan

≥3.5 Million Operations

Operating Speed

1.0-2.0 s

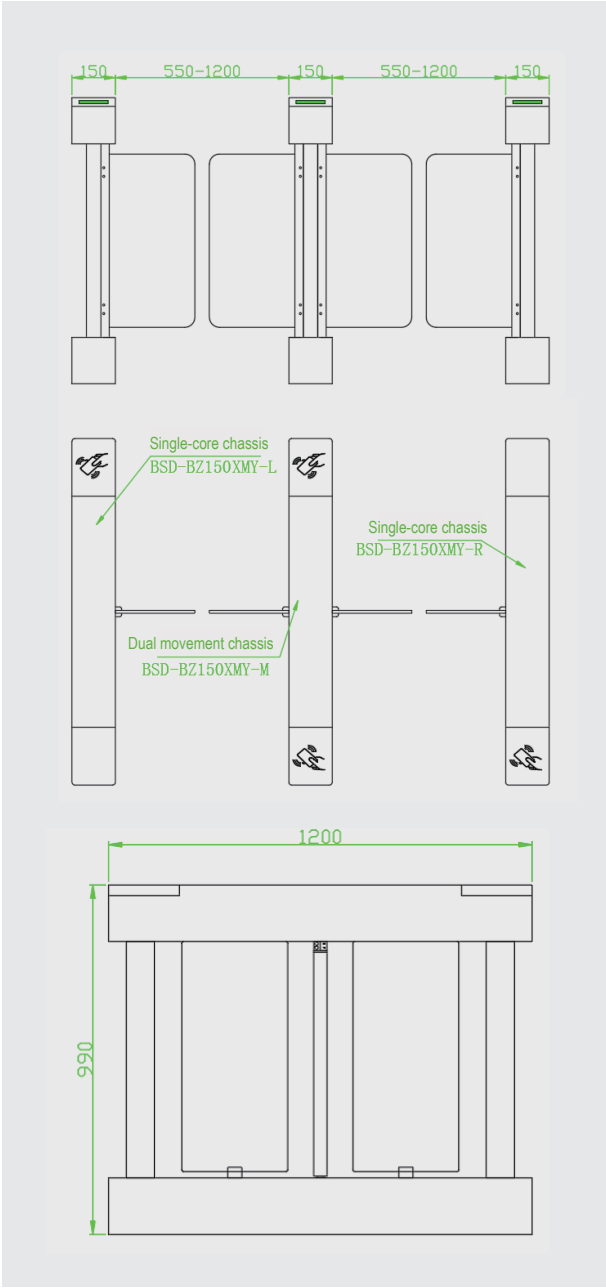
Passage Capacity

20-35 Persons/Min

Passage Width

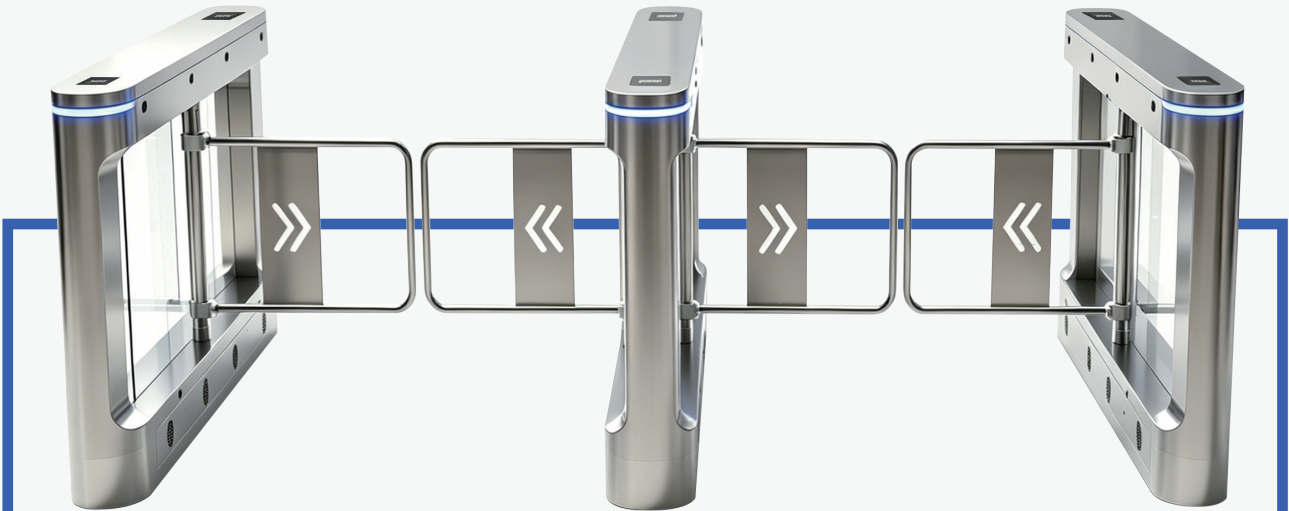
550~1200mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 8-10mm acrylic panel
Infrared Beams	4 pairs
Device Dimension	L1200mm * W150mm * H990mm
Cabinet Material	SUS304 t1.0 + t1.2mm plate; Side columns: 2.0mm aluminum profile
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC24V
Protection Class	P54 (Indoor Standard Version) Optional IP65 Outdoor Waterproof & Dustproof Version
Operating Humidity	≤90% RH (No condensation, no water accumulation)
Communication Protocol	RS485, TCP/IP Ethernet dual communication
Status Indication	LED indicators on both sides of cabinet (Blue, Green, Red status display)
Passage Capacity	20~35 persons/min
Ambient Temperature	-25 ℃ ~ +75 ℃
Passage Width	Standard 600mm; Customizable 550~1200mm
Mechanism Service Life	Mean Time Between Failures: 3.5 million times
Appearance Customization	Natural stainless steel color, matte black, dark grey coating, custom logo silk printing
Anti-collision & Anti-pinch	Real-time resistance detection, reverses and buffers when touching people or foreign objects
Anti-tailgating Function	Multi-zone infrared scanning, distinguishes single/multiple pedestrians for effective interception
Status Indicator	High-brightness LED indicator for passage guidance



BSD-BZ-180X

180 Anti-collision Slim Curve Swing Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

1.0-2.0 s

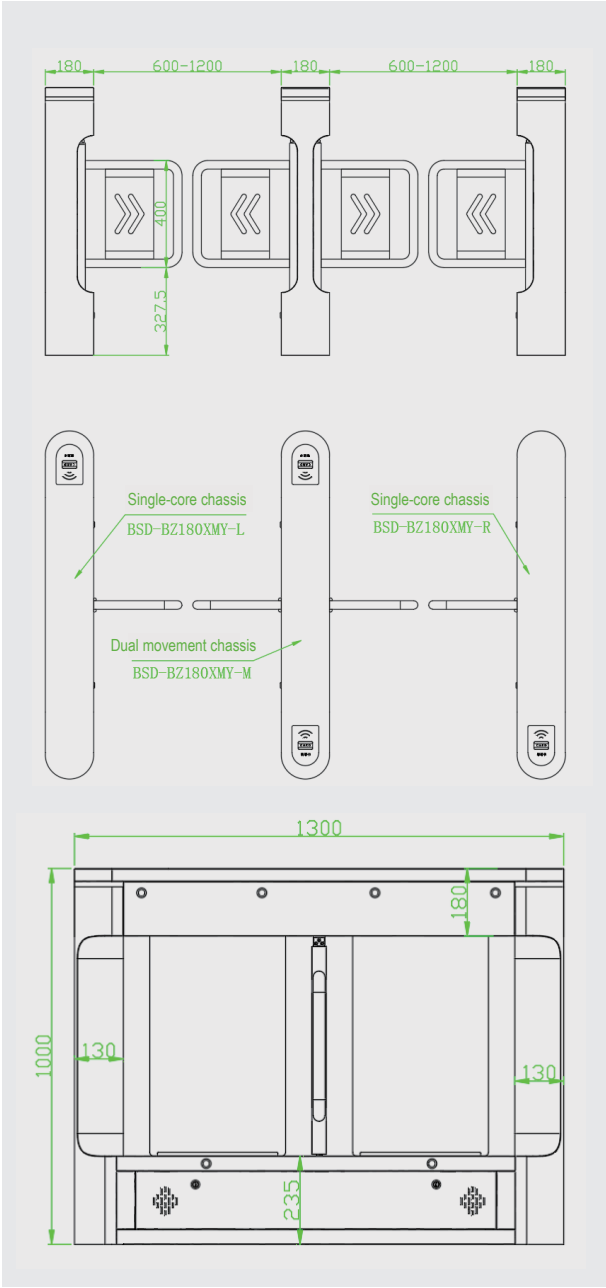
Passage Capacity

20-35 Persons/Min

Passage Width

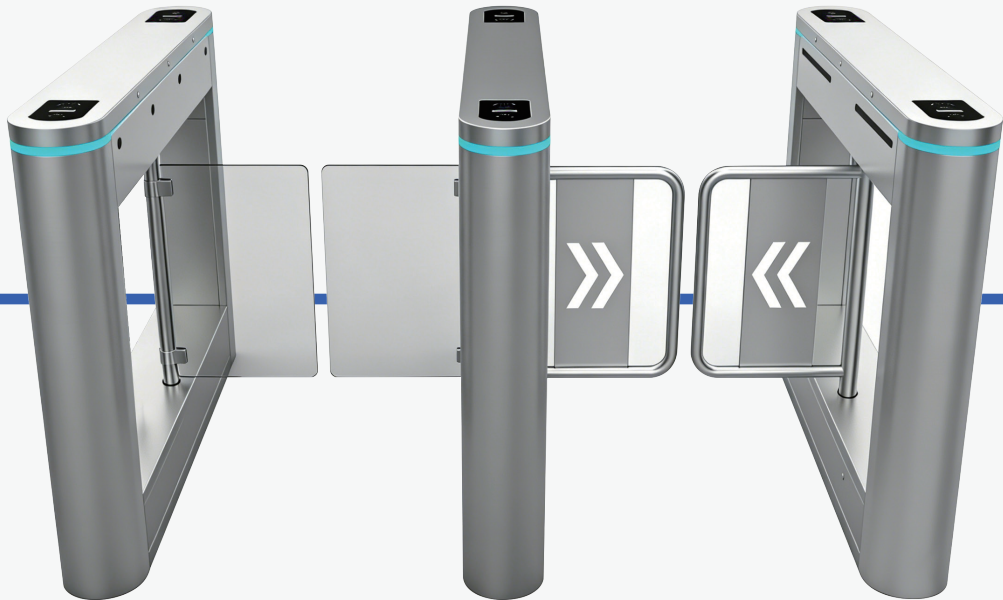
550~1200mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 8-10mm acrylic panel
Infrared Beams	6 pairs
Device Dimension	L1200mm * W180mm * H1000mm
Cabinet Material	SUS304 t1.0 + t1.2mm plate; fine brushed finish
Input Voltage	AC220V±10%, 50Hz
Power Consumption	Standby ≤12W, Peak ≤45W
Protection Class	P54 (Indoor Standard Version) Optional IP65 Outdoor Waterproof & Dustproof Version
Operating Humidity	≤90% RH (No condensation, no water accumulation)
Communication Protocol	RS485, TCP/IP Ethernet dual communication
Status Indication	LED indicators on both sides of cabinet (Blue, Green, Red status display)
Passage Capacity	20~35 persons/min
Ambient Temperature	-25℃ ~ +75℃
Passage Width	Standard 600mm; Customizable 550~1200mm
Mechanism Service Life	Mean Time Between Failures: ≥5 million times
Appearance Customization	Natural stainless steel color, matte black, dark grey coating, custom logo silk printing
Anti-collision & Anti-pinch	Real-time resistance detection, reverses and buffers when touching people or foreign objects
Anti-tailgating Function	Multi-zone infrared scanning, distinguishes single/multiple pedestrians for effective interception
Status Indicator	High-brightness LED indicator for passage guidance



BSD-BZ-186D

186D Anti-collision Swing Turnstile



Service Lifespan

≥3.5 Million Operations

Operating Speed

1.0-2.0 s

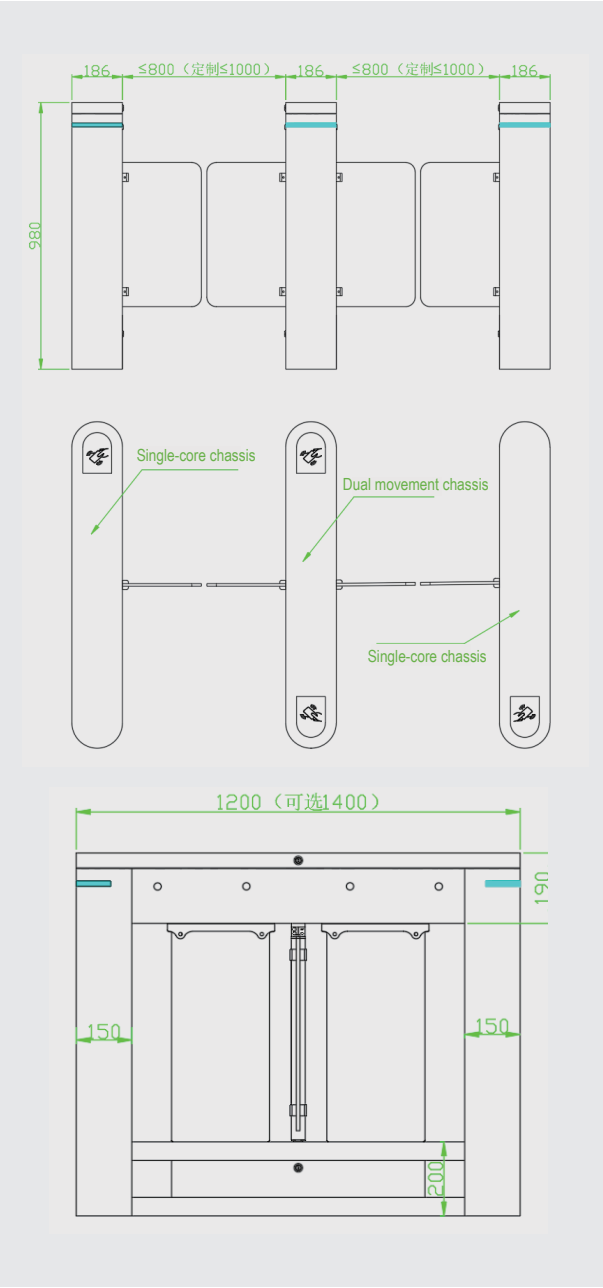
Passage Capacity

20-35 Persons/Min

Passage Width

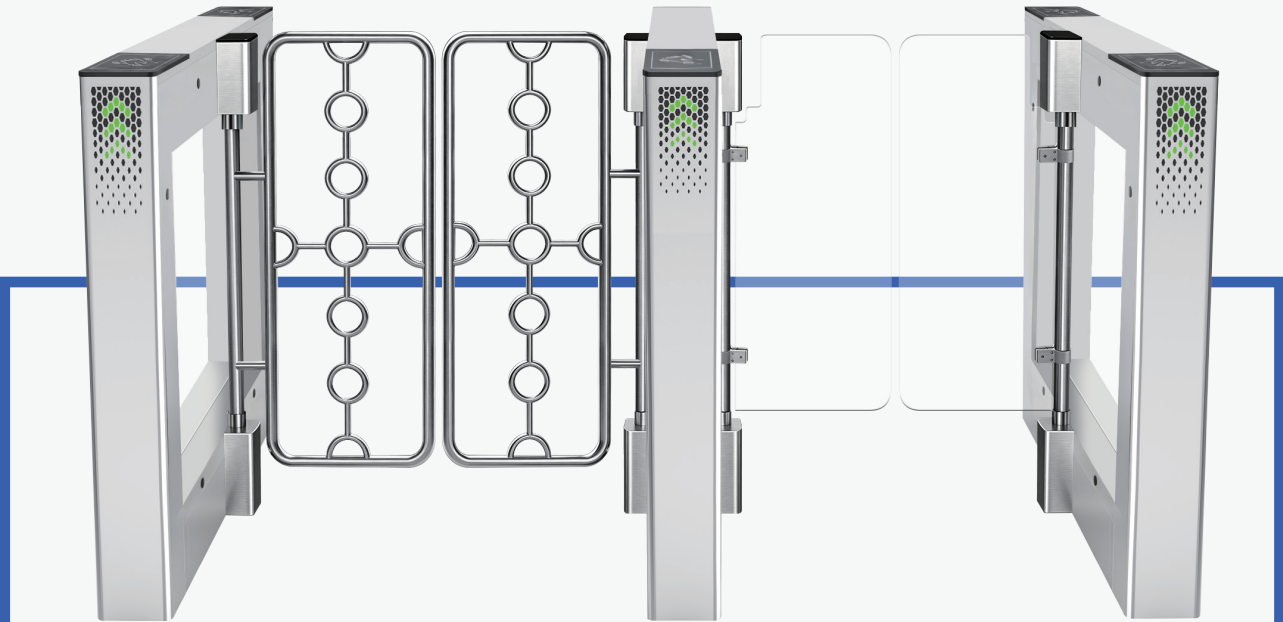
550~1000mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 10mm acrylic panel
Infrared Beams	4 pairs
Device Dimension	L1200mm * W186mm * H980mm (L Optional 1400mm)
Cabinet Material	SUS304, t1.0mm (main body) +t1.2mm (top cover)
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC24V
Opening & Closing Time	Double swing: <2s; Single swing: >1s
Hold-open Delay	Pulse Trigger (Adjustable) 1-60s; Continuous Signal
Response Time	≤0.2s
Status Indication	LED indicators on both sides of cabinet (Blue, Green, Red status display)
Passage Capacity	20-35 persons/min
Ambient Temperature	-25℃ ~ +75℃
Passage Width	Standard 600mm; Customizable 550-1000mm
Mechanism Service Life	Mean Time Between Failures: ≥3.5 million times
Appearance Customization	Natural stainless steel color, matte black, dark grey coating, custom logo silk printing
Anti-collision & Anti-pinch	Real-time resistance detection, reverses and buffers when touching people or foreign objects
Anti-tailgating Function	Multi-zone infrared scanning, distinguishes single/multiple pedestrians for effective interception
Status Indicator	High-brightness LED indicator for passage guidance



BSD-FPBZ-160

160 Anti-climb Speed Swing Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

1.0-2.0 s

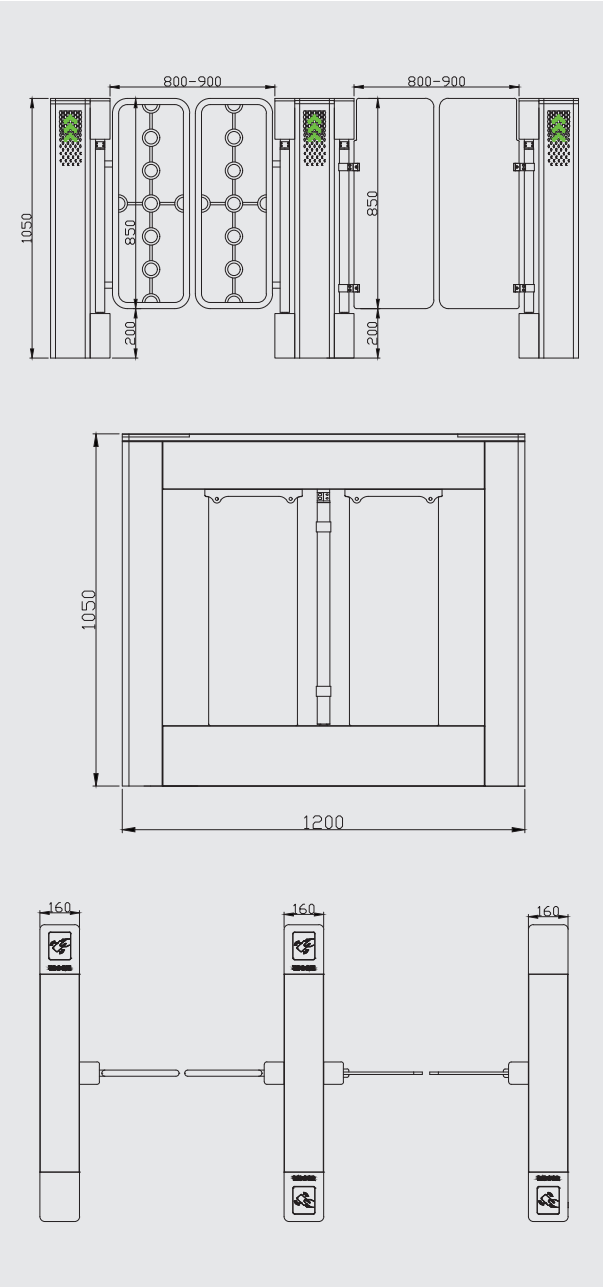
Passage Capacity

20-35 Persons/Min

Passage Width

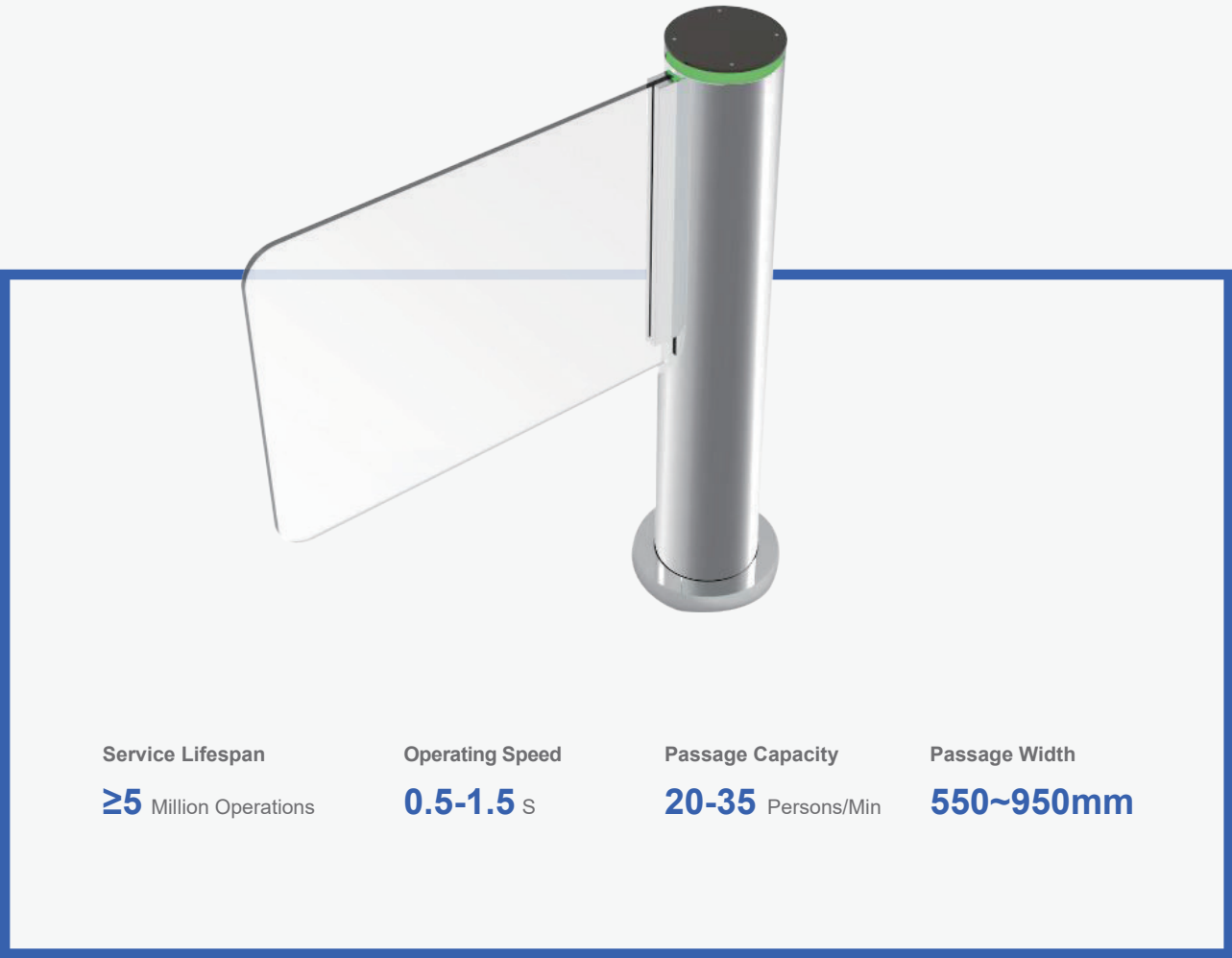
550~1200mm

Model	Outdoor / Indoor Type
Swing Arm Material	SUS304 steel tube / 10mm acrylic panel
Infrared Beams	4 pairs (6 pairs optional)
Device Dimension	L1200mm * W160mm * H1050mm
Cabinet Material	SUS304, t1.2mm (main body) +t1.5mm (top cover)
Input Voltage	AC100~230V, 50/60Hz
Drive Motor	DC24V
Motor Power	45W
Opening & Closing Time	1.0-2.0s adjustable
Hold-open Delay	Pulse Trigger (Adjustable) 1~60s; Continuous Signal
Response Time	0.2s
Passage Capacity	20-35persons per minute
Ambient Temperature	-20 C ~ +70 C
Passage Width	Standard 600mm; optional 550-1200mm
Electrical Safety	Over-current, over-load & short-circuit protection
Fault Self-test	Power-on self-test, audible & visual alarm, operation log, remote diagnosis
Power-fail Protection	Auto-unlock on power failure, compliant with fire evacuation requirements
Anti-pinch Function	Multi anti-pinch protection: mechanical + infrared detection
Status Indicator	High-brightness LED indicator for passage guidance

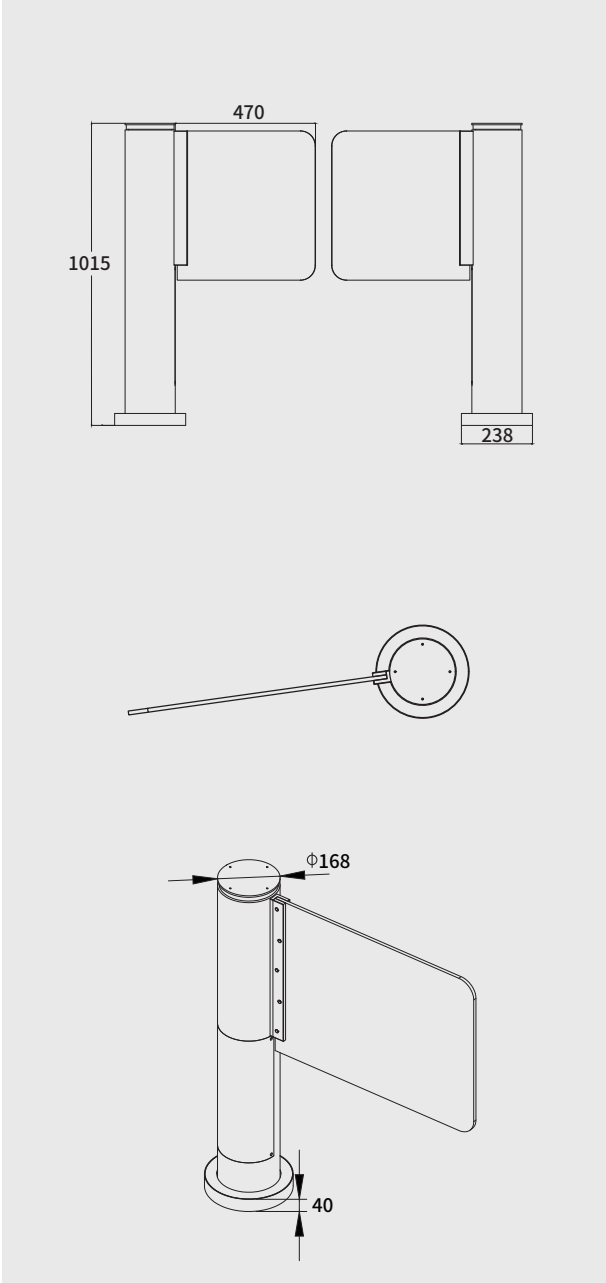


BSD-BZ-168Y-01

Cylindrical Swing Turnstile(Speed Gate Mechanism)



Model	Outdoor / Indoor Type
Swing Arm Material	Tempered Glass / Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	Φ168mm * H1015mm (Diameter * Height)
Cabinet Material	SUS304, t2.0mm (main body) + t2.0mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Electromagnetic clutch technology
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	505~800mm; Max single swing: 650mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable: 0.5-1.5s
Side Indicator Light	Available
Top Cover Light	Available



BSD-BZ-168Y-02

Cylindrical Swing Turnstile(Swing Turnstile Mechanism)



Service Lifespan

≥5 Million Operations

Operating Speed

1.0-2.0 s

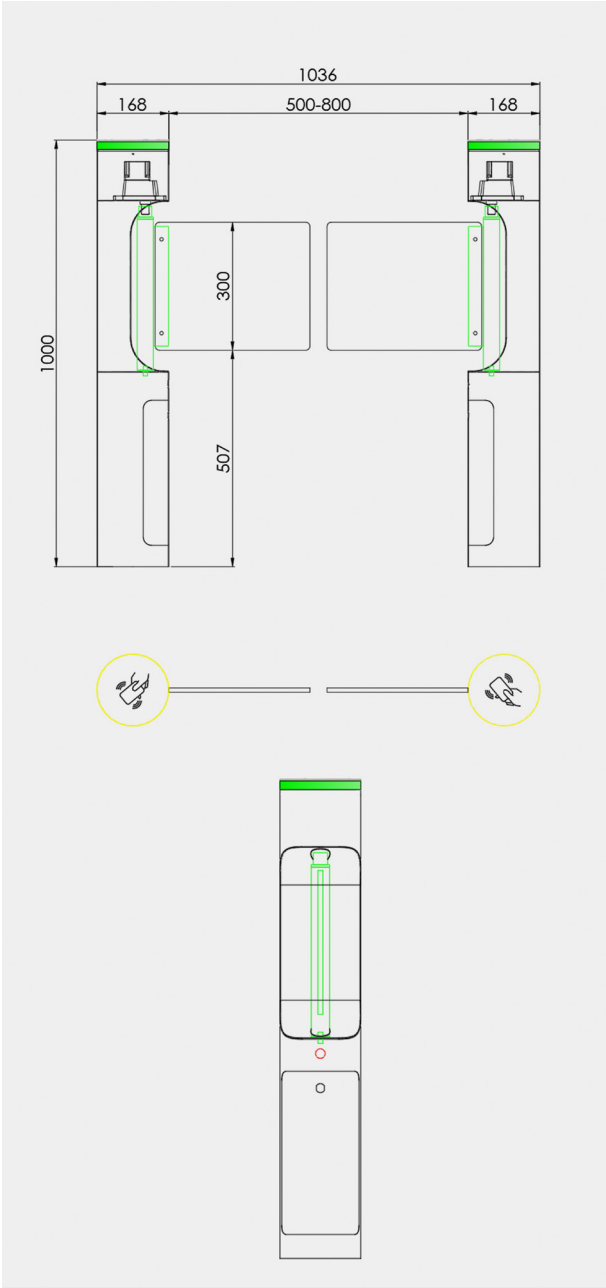
Passage Capacity

20-35 Persons/Min

Passage Width

500~800mm

Model	Outdoor / Indoor Type
Swing Arm Material	Tempered Glass / Acrylic Panel
Operating Noise	No-load ≤42dB, Ultra-silent Operation
Device Dimension	Φ168mm * H1000mm (Diameter * Height)
Cabinet Material	SUS304, t1.5mm, Brushed Matte Finish
Swing-arm Angle	Optional : 90° One-way / 180° Two-way
Base Dimension	220mm×220mm (Square Fixed Base, Reinforced Thickened)
Input Power	AC220V±10% 50Hz
Power Consumption	48W (operating), 12W (standby)
Ambient Temperature	-20 ℃ ~ +65 ℃
Protection Class	P54 (Indoor Standard Version) Optional IP65 Outdoor Waterproof & Dustproof Version
Motor Type	DC Brushless Anti-collision Motor
Motor Power	45W Silent Version
Passage Width	Standard 600mm; Customizable 500~800mm
Feature	Soft-start/stop, No Jerk, No Impact Noise
Service Life	≥5 million trouble-free cycles
Response Time	1.0s-2.0s adjustable, default 0.4s from factory
Base Material	Cold-rolled Steel, Electrostatic Spraying, Anti-slip & Anti-rust, Stable Load-bearing
Top Cover Light	Available



BSD-BZ-290

Vertical Swing Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

1.0-2.0 s

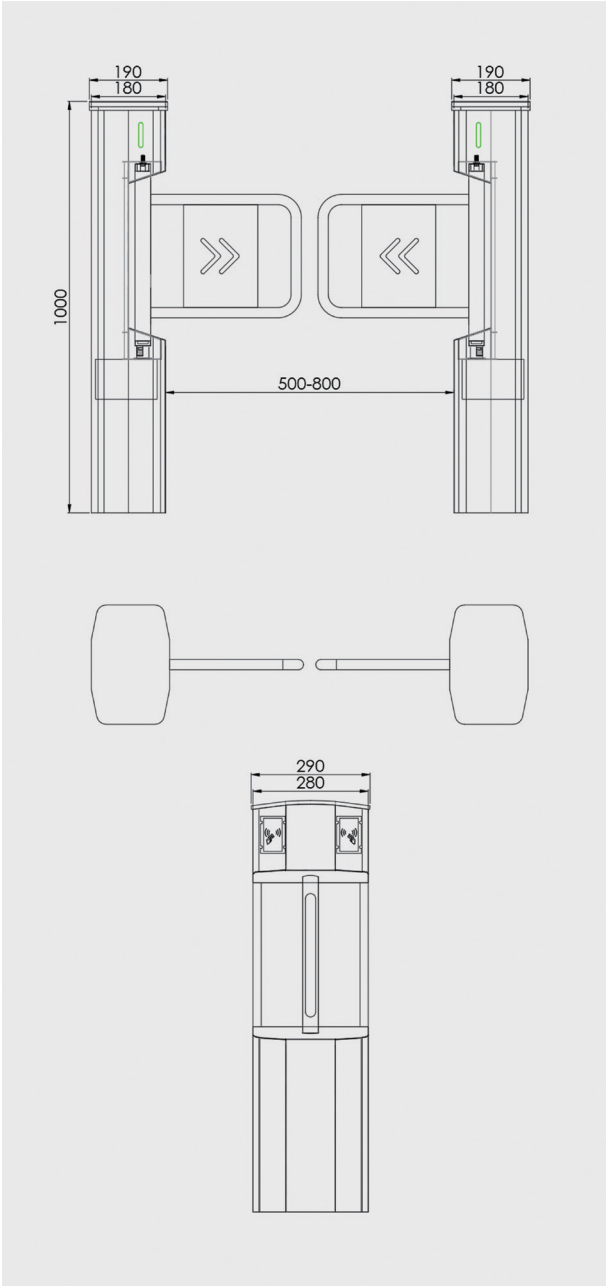
Passage Capacity

20-35 Persons/Min

Passage Width

500~800mm

Model	Outdoor / Indoor Type
Swing Arm Material	304 stainless steel / 8-10mm high-transparency acrylic
Body Material	Zinc-coated steel body, anti-rust & anti-corrosion
Device Dimension	L290mm * W180-190mm * H1000mm
Cabinet Material	Zinc-coated steel , t1.2mm , Brushed Matte Finish
Input Power	AC220V±10% 50Hz
Base Dimension	220mm×220mm (Square Fixed Base, Reinforced Thickened)
Surface Finish	Matte Black & Dark Gray Powder Coating
Power Consumption	Operating 48W, Standby 12W
Ambient Temperature	-20 ℃ ~ +65 ℃
Ingress Protection	IP54, dust-proof & splash-proof
Motor	DC Brushless Anti-collision Motor
Motor Power	45W Silent Version
Passage Width	Standard 600mm; Customizable 500–800mm
Feature	Soft-start/stop, No Jerk, No Impact Noise
Service Life	≥5 million trouble-free cycles
Response Time	1.0s-2.0s adjustable
Base Material	Cold-rolled Steel, Electrostatic Spraying, Anti-slip & Anti-rust, Stable Load-bearing
Top Cover Light	Available

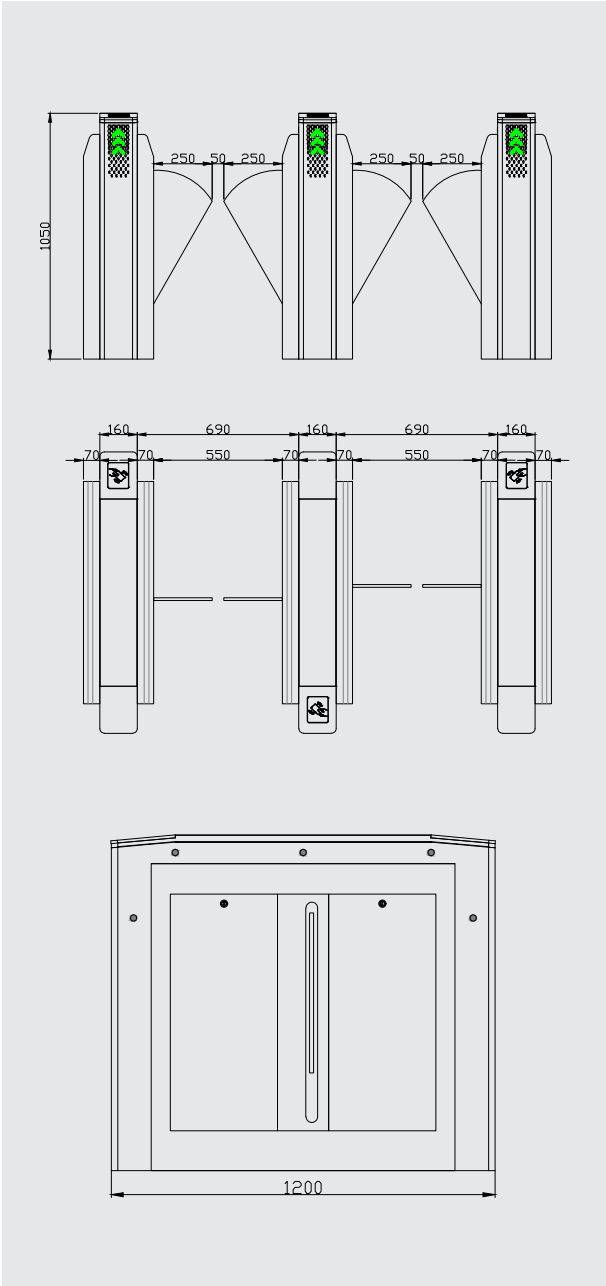


BSD-YZ-160

160 Speed Flap Turnstile

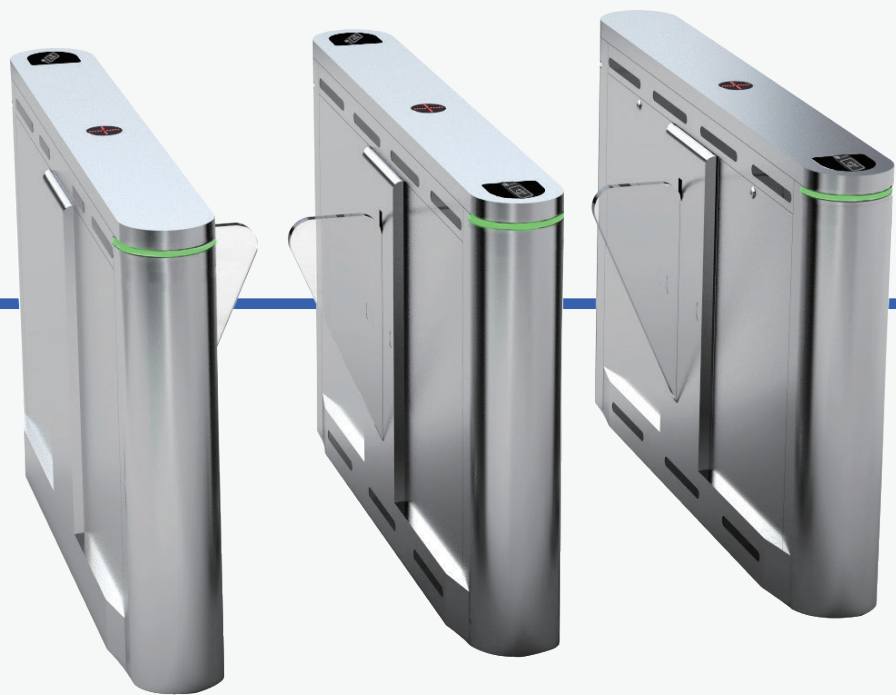


Model	Outdoor / Indoor Type
Swing Arm Material	14mm Colored Acrylic / 14mm Clear Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	L1200mm * W160mm * H1050mm
Cabinet Material	SUS304, t1.2mm (main body) + t1.5mm (top cover)
Additional Panel	8mm tempered glass enclosure panel
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Physical Zero-position Locking
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~580mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable, minimum 0.3-0.8s
Side Indicator Light	Available



BSD-YZ-200Y

Smart Building Digital Flap Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.3-0.8 s

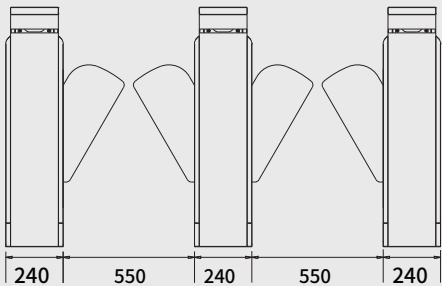
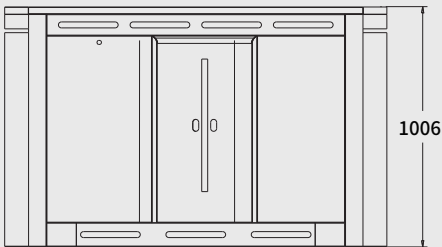
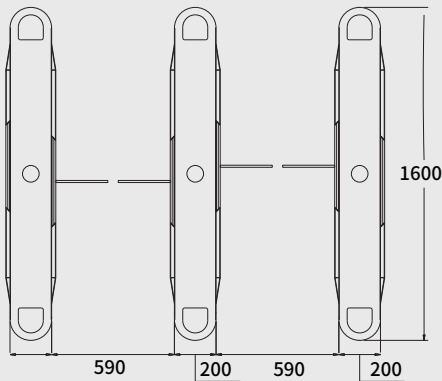
Arm Height

300mm

Passage Width

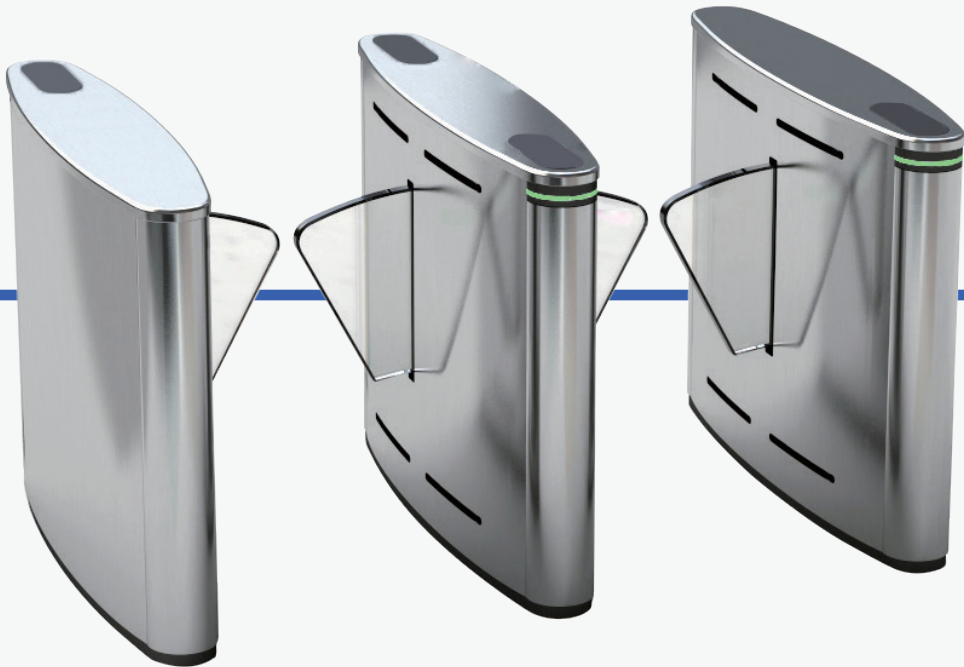
550~580mm

Model	Outdoor / Indoor Type
Swing Arm Material	14mm Colored Acrylic / 14mm Clear Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	L1600mm * W200mm * H1006mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Physical Zero-position Locking
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~580mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable, minimum 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-YZ-290Y-01

Smart Campus Digital Flap Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.3-0.8 s

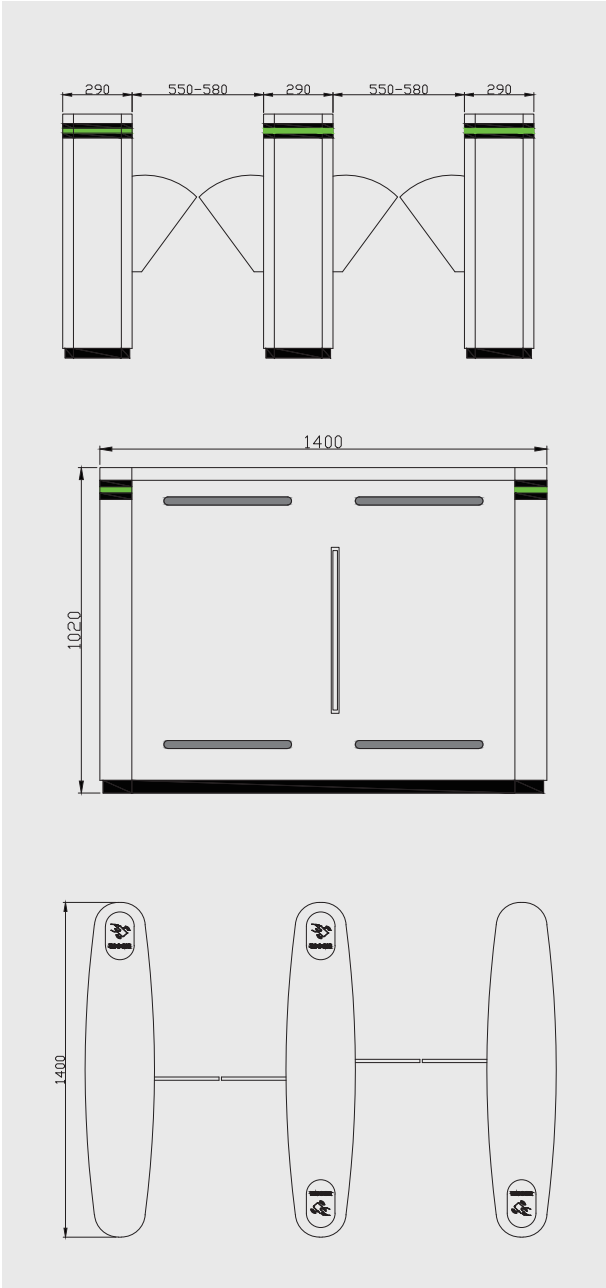
Arm Height

300mm

Passage Width

550~580mm

Model	Outdoor / Indoor Type
Swing Arm Material	14mm Colored Acrylic / 14mm Clear Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	L1400mm * W290mm * H1020mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Physical Zero-position Locking
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~580mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable, minimum 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-YZ-290Y-02

Smart Community Digital Flap Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.3-0.8 s

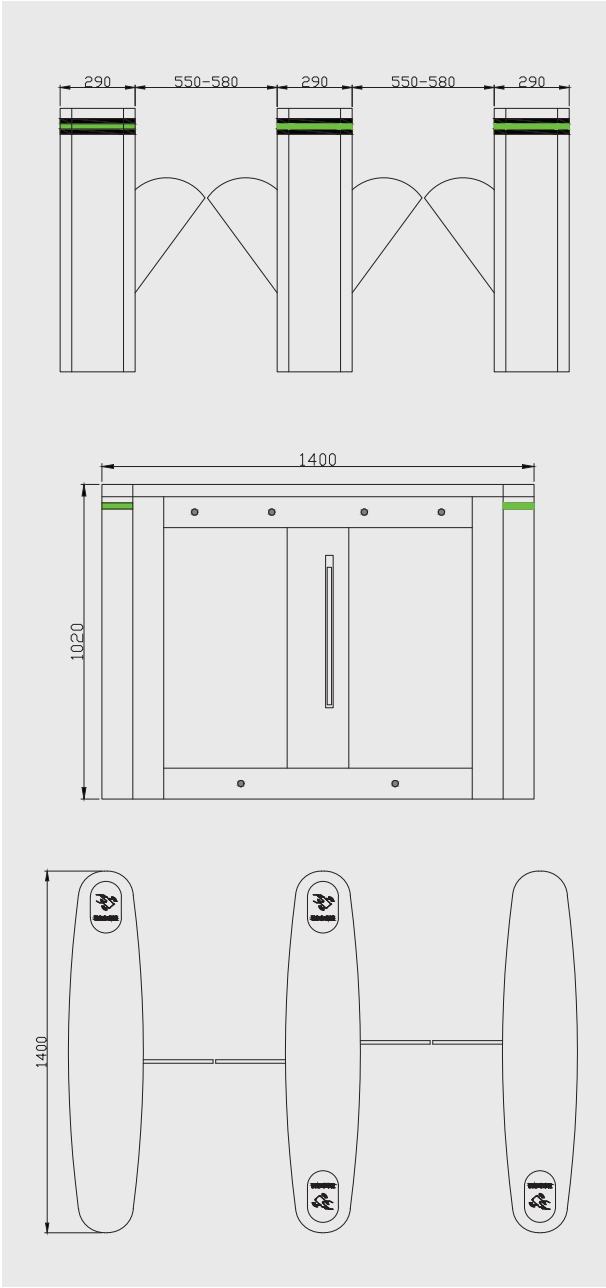
Arm Height

300mm

Passage Width

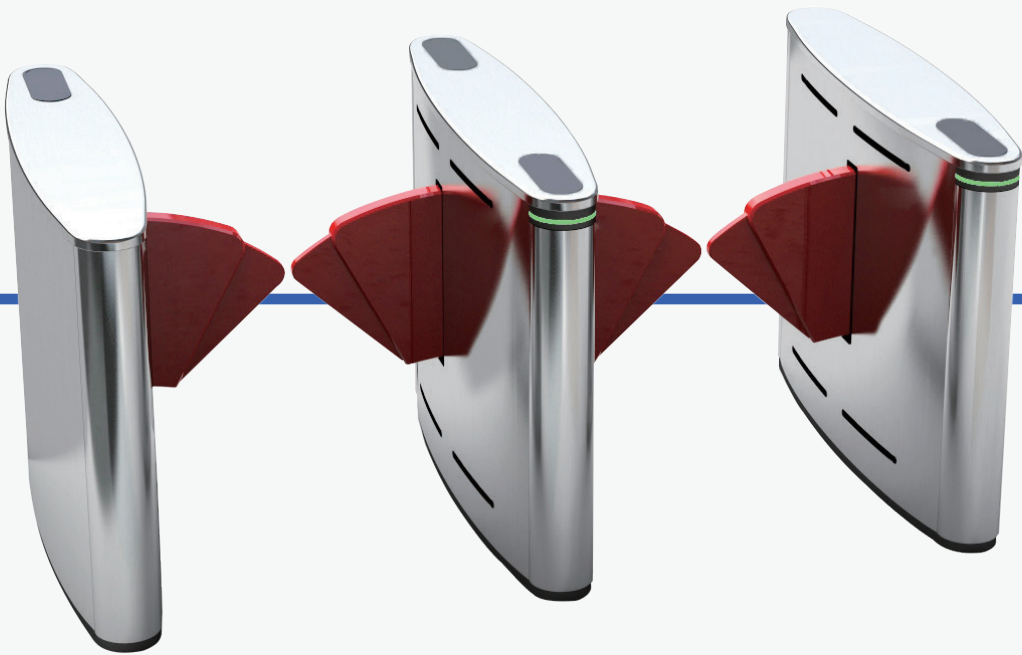
550~580mm

Model	Outdoor / Indoor Type
Swing Arm Material	14mm Colored Acrylic / 14mm Clear Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	L1400mm * W290mm * H1020mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Physical Zero-position Locking
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~580mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable, minimum 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-YZ-290Y-03

High-end Scenic Spot Flap Turnstile (Dual-layer Flap)



Service Lifespan

≥5 Million Operations

Operating Speed

0.3-0.8 s

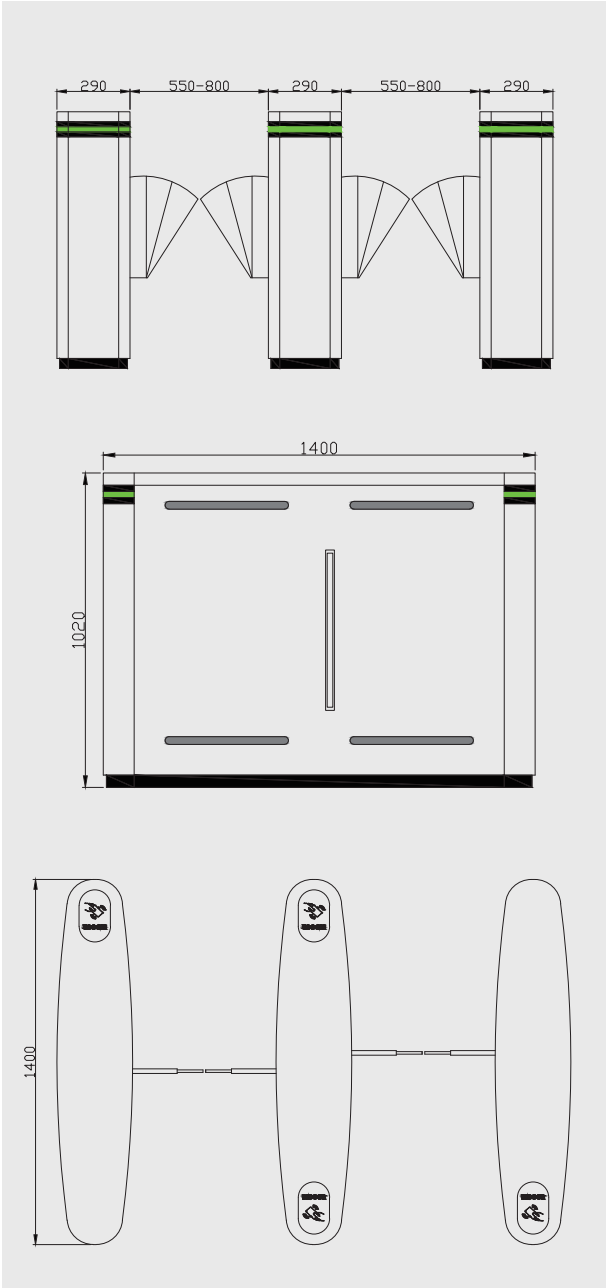
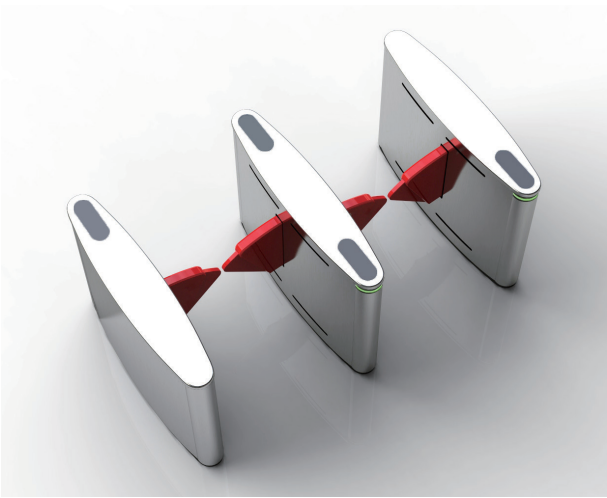
Arm Height

300mm

Passage Width

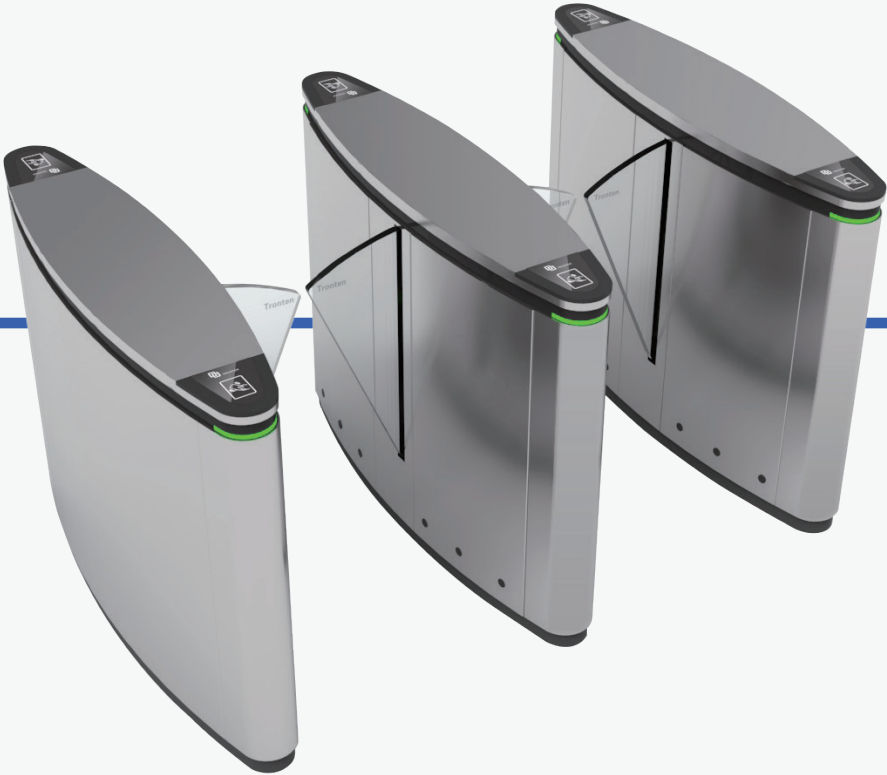
550~800mm

Model	Outdoor / Indoor Type
Swing Arm Material	14mm Colored Acrylic / 14mm Clear Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	L1400mm * W290mm * H1020mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Physical Zero-position Locking
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~580mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable, minimum 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-YZ-300Y

Smart Building Digital Flap Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.3-0.8 s

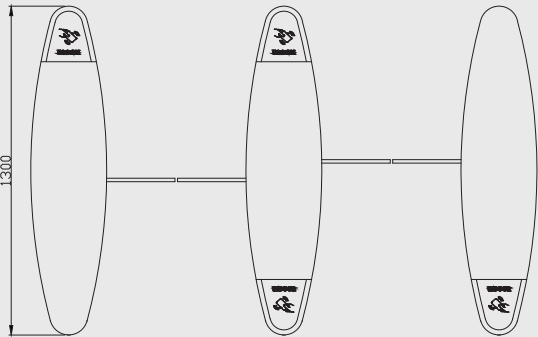
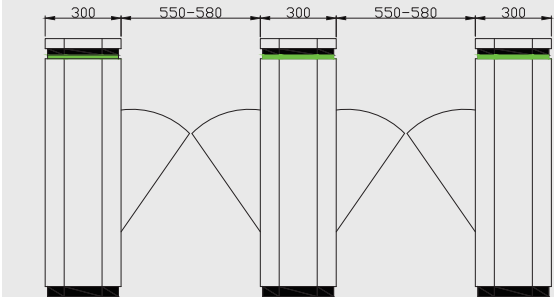
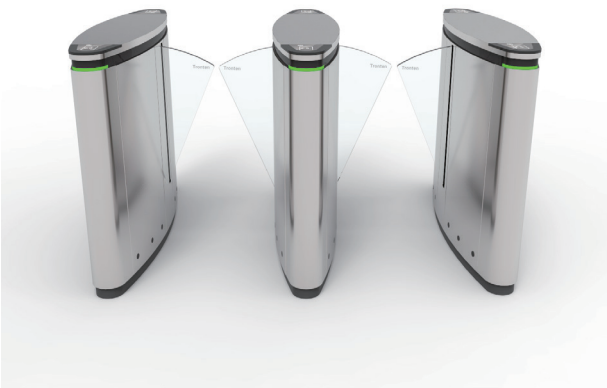
Arm Height

300mm

Passage Width

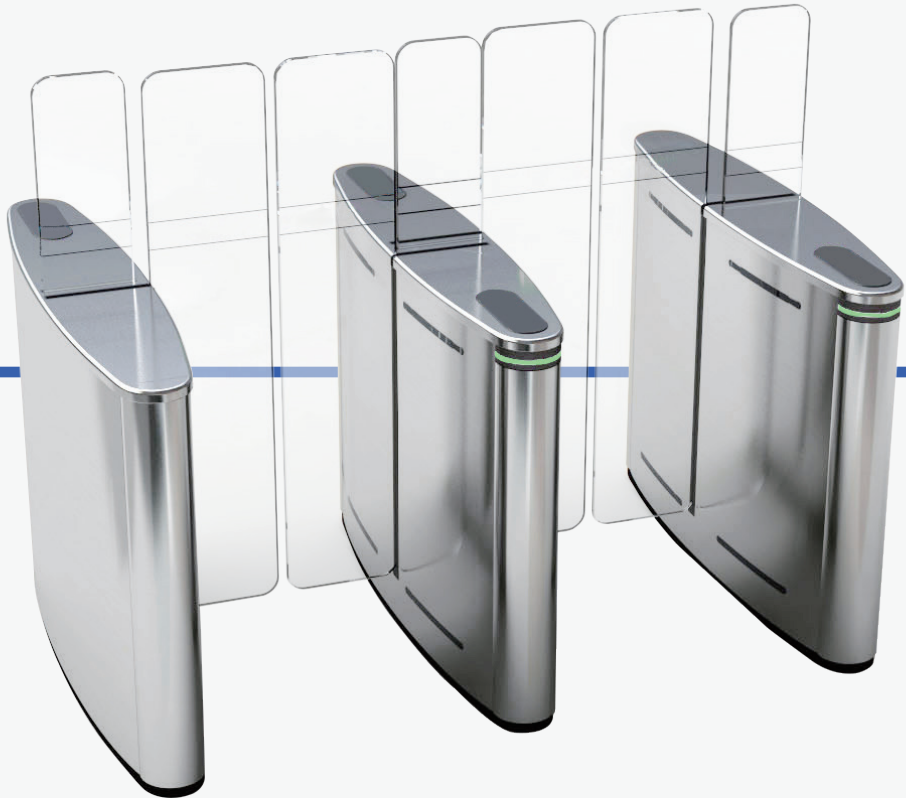
550~580mm

Model	Outdoor / Indoor Type
Swing Arm Material	14mm Colored Acrylic / 14mm Clear Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	L1300mm * W300mm * H1020mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Physical Zero-position Locking
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Passage Width	550~580mm
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable, minimum 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-PYZ-290Y

Smart Office Building Sliding Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.8-1.0 s

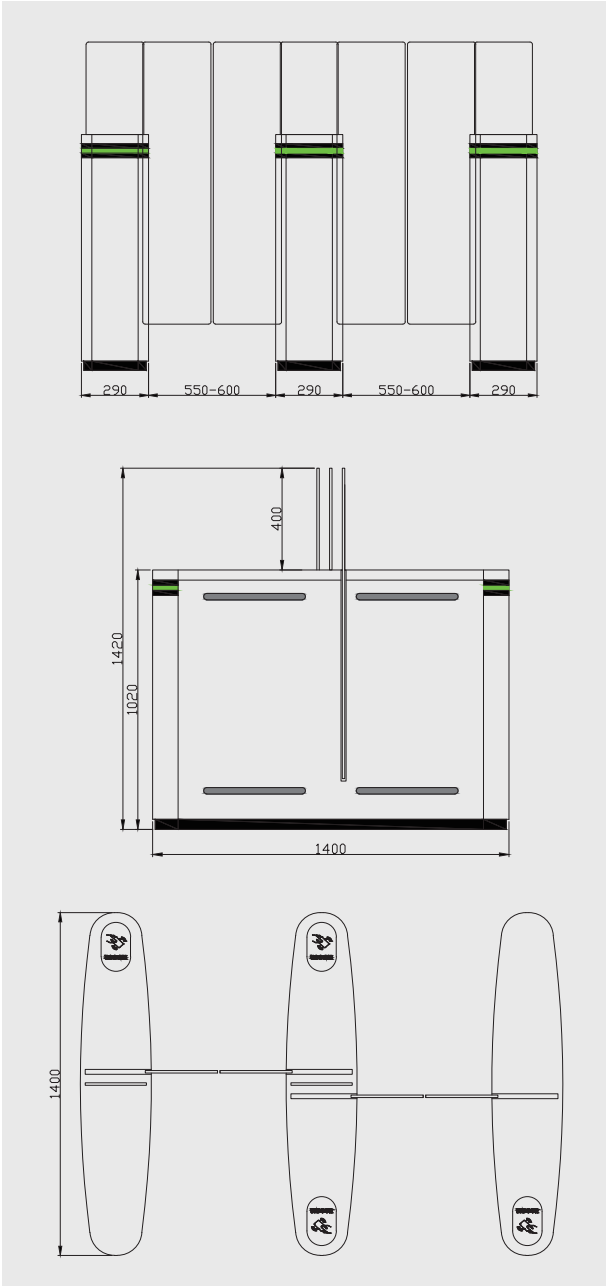
Arm Height

1420mm

Passage Width

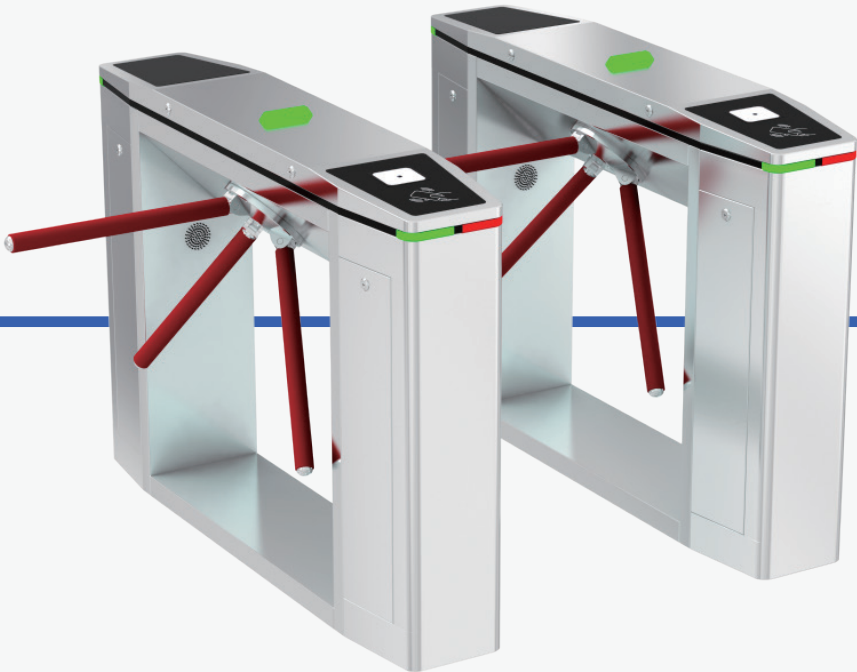
550~600mm

Model	Outdoor / Indoor Type
Swing Arm Material	14mm Colored Acrylic / 14mm Clear Acrylic Panel
Infrared Beams	4 / 6 pairs
Device Dimension	L 1400mm * W 290mm * H 1420mm
Cabinet Material	SUS304, t1.5mm (main body) + t2.0mm (top cover)
Surface Craft	Brushed / Anti-fingerprint finish
Anti-collision Function	Auto-reset after arbitrary impact
Obstacle Response	Optional: auto-rebound / forced closing
Trajectory Detection	360° digital monitoring technology
Locking Brake	Physical Zero-position Locking
Memory Function	Support multi-person quick passage recognition
Power-fail Opening	High-capacity capacitor
Glass Height	Standard 1500mm From Ground
Drive Motor	DC Motor / Servo Motor
Service Lifespan	≥5 million operations
Operating Speed	Customizable, minimum 0.3-0.8s
Side Indicator Light	Available
Top Cover Light	Available



BSD-SGZ-280

Full-auto / Semi-auto Silent Tripod Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.3 s

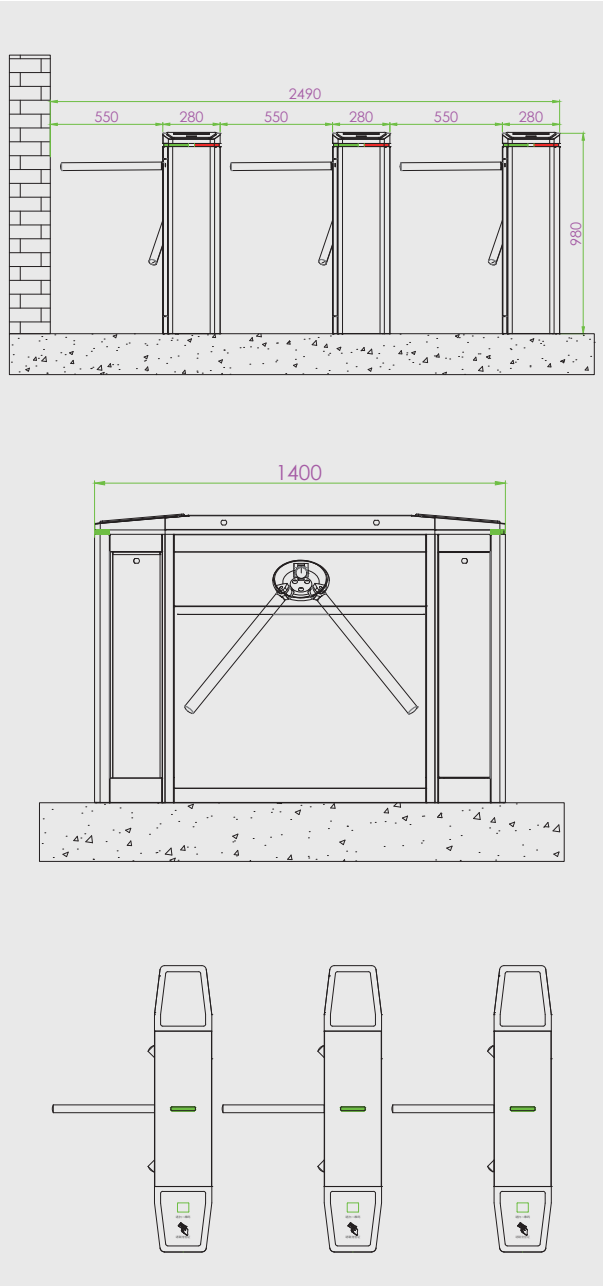
Arm Height

550mm

Passage Width

550mm

Model	Outdoor / Indoor Type
Swing Arm Material	Stainless Steel
Input Voltage	AC220V±10% 50Hz
Device Dimension	L1400mm * W280mm * H980mm
Cabinet Material	SUS304 t1.0 + t1.2mm plate; brushed finish
Operating Power	Standby ≤10W, Peak ≤35W
Ambient Temperature	-25°C ~ +65°C
Protection Class	P54 (Indoor Standard Version) Optional IP65 Outdoor Waterproof Version
Operating Humidity	≤90% RH (No condensation, no water accumulation)
Communication	RS485, TCP/IP Network Protocol
Response Speed	≤0.3s
Passage Capacity	30 persons/min
Mechanism Service Life	Mean Time Between Failures: ≥5 million times
Passage Width	550mm
Rotating Arm Structure	120° equally divided three-arm rotating structure
Arm Specification	SUS304 Round Bar, Diameter 38mm, Length 550mm
Arm Specification	45kg
Custom Appearance	Stainless steel original color, Black/Grey powder coating, Custom logo silk printing available



BSD-QGZ-1500T-01

Single Lane Full Height Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.8-1.5 s

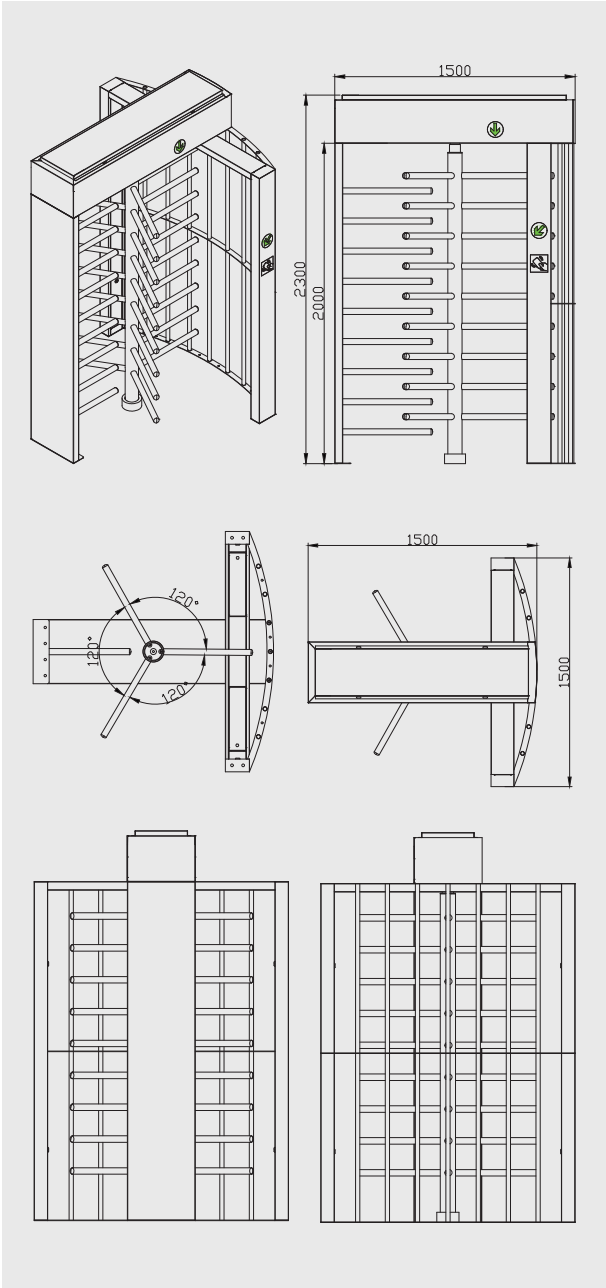
Opening Angle

120°

Passage Width

650mm

Model	Specification
Composition	Mechanism, Cabinet, Control Board, Power Supply
Cabinet Material	Standard 304 Stainless Steel Frame Structure
Mechanism	Standard mechanism with hydraulic buffer (Optional investment cast stainless steel)
Device Dimension	L1500mm * W1500mm * H2300mm
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC Electromagnet 30W/24V
Input Interface	Relay switch signal or RS485 level signal
Switching Time	0.8-1.5 S
Working Environment	Indoor & Outdoor (Rain cover required for outdoor use)
Passage Capacity	40 persons/min (Normally Open) 25-30 persons/min (Normally Closed)
Rotation Direction	Unidirectional or Bidirectional, arm rotation angle 120°
Arm Length	530mm
Operating Temperature	-10℃ ~ 50℃ (Without thermostat)
Material Thickness	Top cover:1.2mm Guardrail:1.2mm Shaft:2.0mm Arm:1.2mm
Communication Interface	TCP/IP, RS485 available (Customized)
Service Life	≥5 million operations
Operating Humidity	5% ~ 90%



BSD-QGZ-1500T-02

Single Lane Full Height Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.8-1.5 s

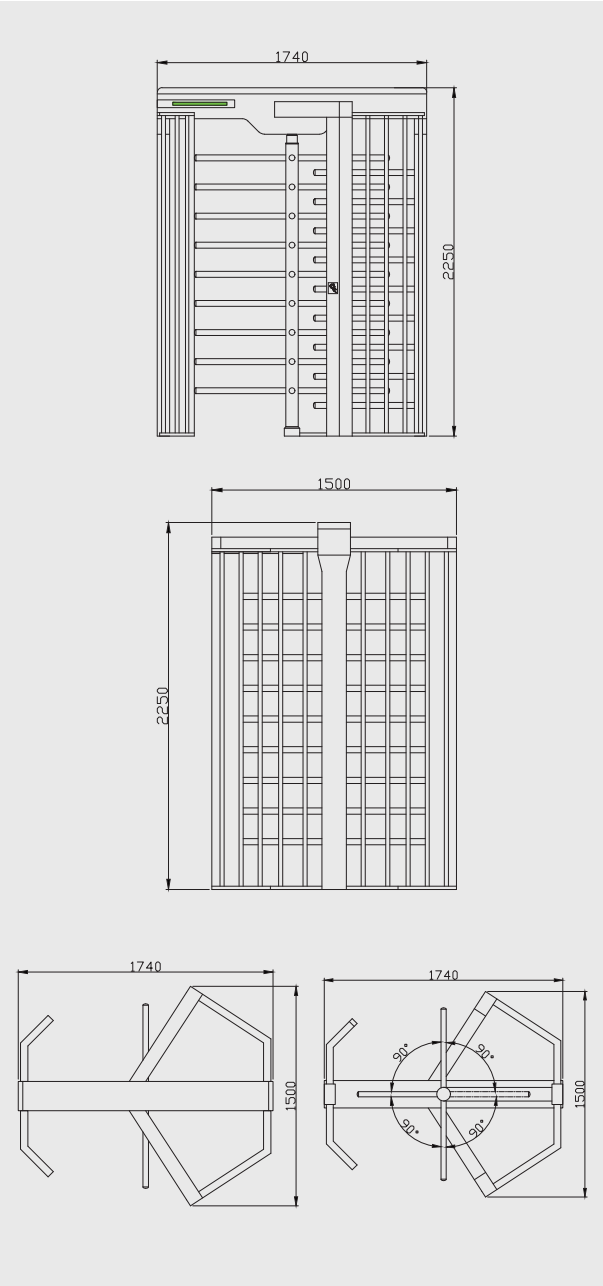
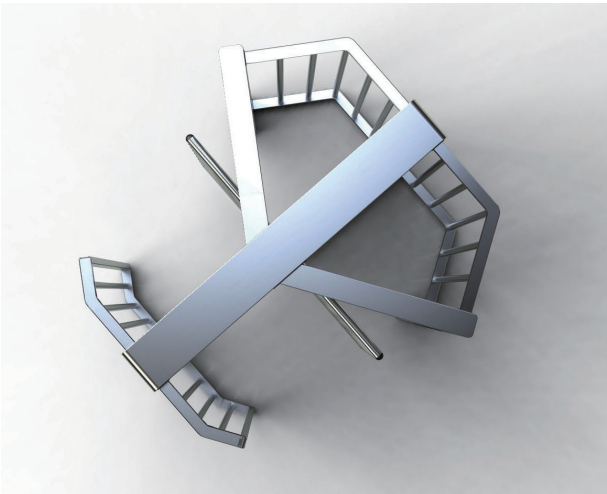
Opening Angle

90°

Passage Width

650mm

Model	Specification
Composition	Mechanism, Cabinet, Control Board, Power Supply
Cabinet Material	Standard 304 Stainless Steel Frame Structure
Mechanism	Standard mechanism with hydraulic buffer (Optional investment cast stainless steel)
Device Dimension	L1740mm * W1500mm * H2250mm
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC Electromagnet 30W/24V
Input Interface	Relay switch signal or RS485 level signal
Switching Time	0.8-1.5 S
Working Environment	Indoor & Outdoor (Rain cover required for outdoor use)
Passage Capacity	40 persons/min (Normally Open) 25-30 persons/min (Normally Closed)
Rotation Direction	Unidirectional or Bidirectional, arm rotation angle 90°
Arm Length	650mm
Operating Temperature	-10℃ ~ 50℃ (Without thermostat)
Material Thickness	Top cover:1.2mm Guardrail:1.2mm Shaft:2.0mm Arm:1.2mm
Communication Interface	TCP/IP, RS485 available (Customized)
Service Life	≥5 million operations
Operating Humidity	5% ~ 90%



BSD-QGZ-1500F

Single Lane Full Height Turnstile



- Service Lifespan

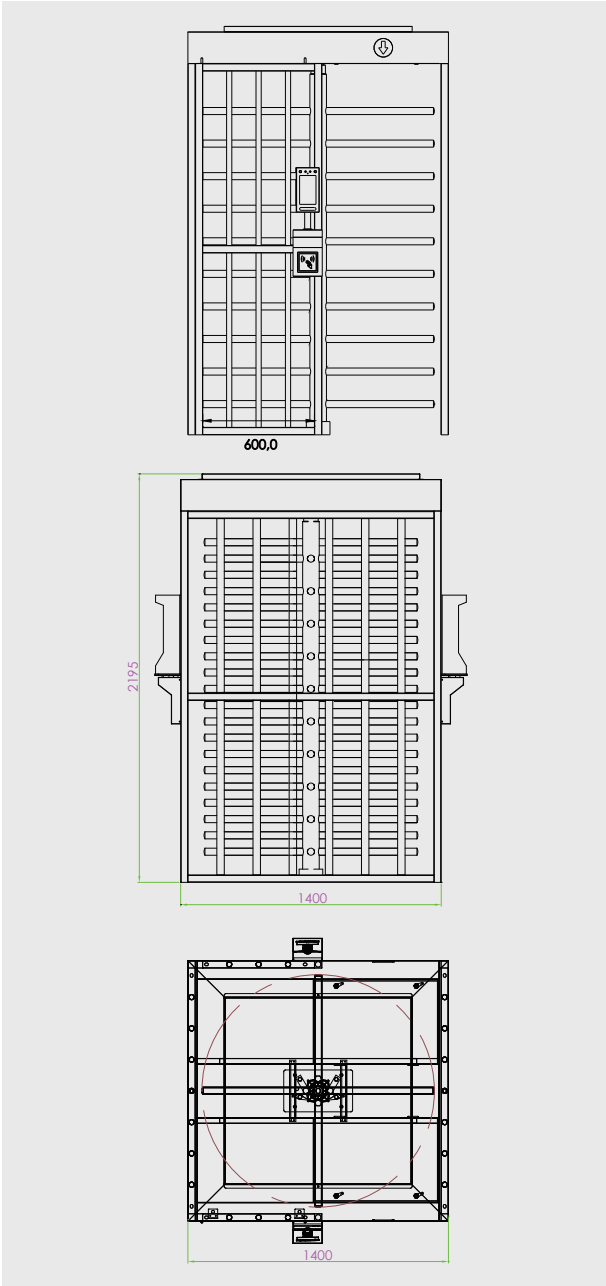
≥5 Million Operations
- Operating Speed

0.8-1.5 s
- Opening Angle

90°
- Passage Width

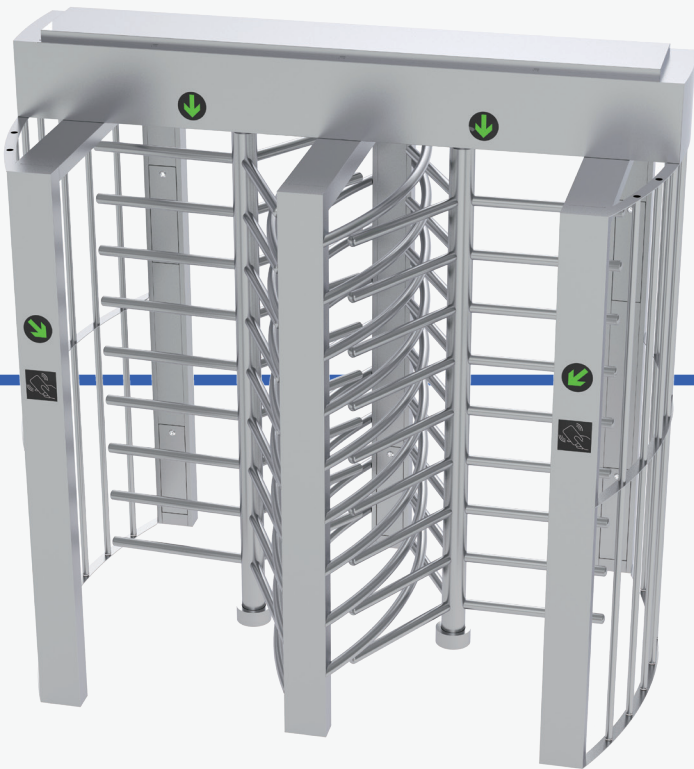
650mm

Model	Specification
Composition	Mechanism, Cabinet, Control Board, Power Supply
Cabinet Material	201/304 Stainless Steel Frame Structure
Mechanism	Standard mechanism with hydraulic buffer (Optional investment cast stainless steel)
Device Dimension	L1400mm * W1400mm * H2200mm
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC Electromagnet 30W/24V
Input Interface	Relay switch signal or RS485 level signal
Switching Time	0.8-1.5 S
Working Environment	Indoor, Outdoor (with rain cover)
Passage Capacity	40 persons/min (Normally Open) 25-30 persons/min (Normally Closed)
Rotation Direction	Unidirectional or Bidirectional, arm rotation angle 90°
Arm Length	Standard 650mm
Operating Temperature	-10 ℃ ~ 50 ℃ (Without thermostat)
Material Thickness	Top cover:0.7mm Guardrail:0.7mm Shaft:2.0mm Arm:0.7mm
Communication Interface	TCP/IP, RS485 available (Customized)
Service Life	≥5 million operations
Operating Humidity	5% ~ 90%



BSD-QGZ-1500TS-01

Double Lane Full Height Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.8-1.5 s

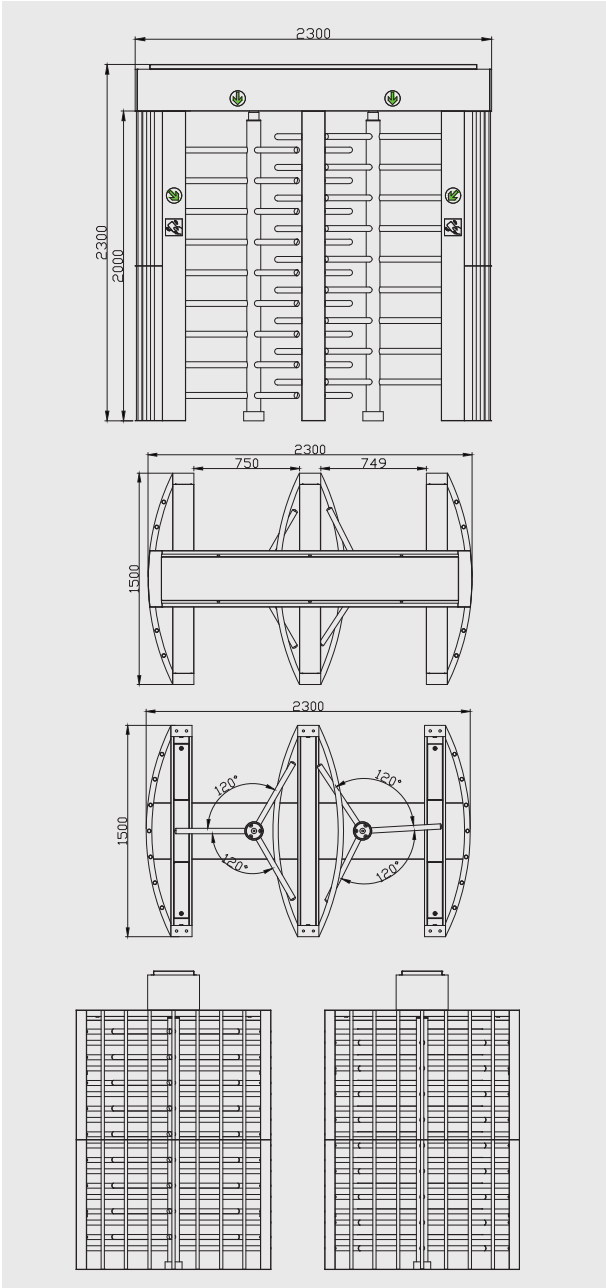
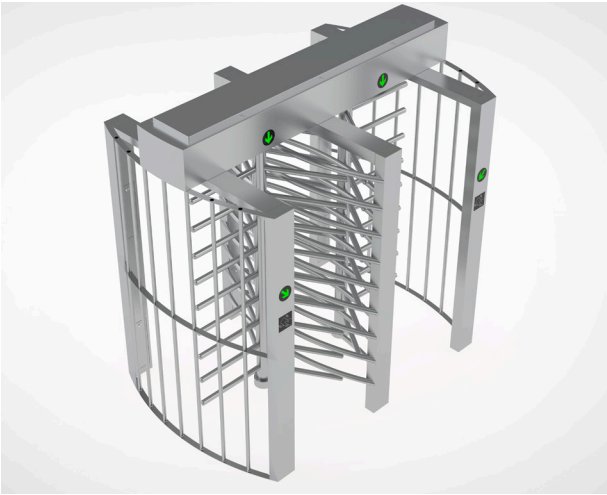
Opening Angle

120°

Passage Width

650mm

Model	Specification
Composition	Mechanism, Cabinet, Control Board, Power Supply
Cabinet Material	Standard 304 Stainless Steel Frame Structure
Mechanism	Standard mechanism with hydraulic buffer (Optional investment cast stainless steel)
Device Dimension	L2300mm * W1500mm * H2300mm
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC Electromagnet 30W/24V
Input Interface	Relay switch signal or RS485 level signal
Switching Time	0.8-1.5 S
Working Environment	Indoor & Outdoor (Rain cover required for outdoor use)
Passage Capacity	40 persons/min (Normally Open) 25-30 persons/min (Normally Closed)
Rotation Direction	Unidirectional or Bidirectional, arm rotation angle 120°
Arm Length	530mm
Operating Temperature	-10℃ ~ 50℃ (Without thermostat)
Material Thickness	Top cover:1.2mm Guardrail:1.2mm Shaft:2.0mm Arm:1.2mm
Communication Interface	TCP/IP, RS485 available (Customized)
Service Life	≥5 million operations
Operating Humidity	5% ~ 90%



BSD-QGZ-1500TS-02

Double Lane Full Height Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.8-1.5 s

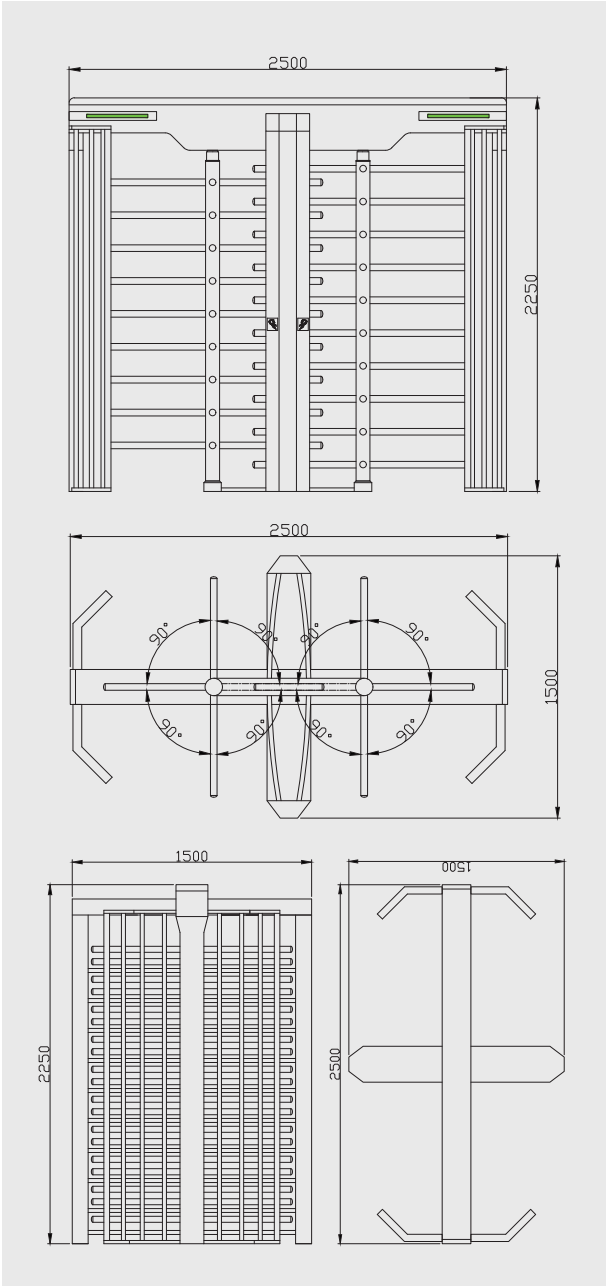
Opening Angle

90°

Passage Width

650mm

Model	Specification
Composition	Mechanism, Cabinet, Control Board, Power Supply
Cabinet Material	Standard 304 Stainless Steel Frame Structure
Mechanism	Standard mechanism with hydraulic buffer (Optional investment cast stainless steel)
Device Dimension	L2500mm * W1500mm * H2250mm
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC Electromagnet 30W/24V
Input Interface	Relay switch signal or RS485 level signal
Switching Time	0.8-1.5 S
Working Environment	Indoor & Outdoor (Rain cover required for outdoor use)
Passage Capacity	40 persons/min (Normally Open) 25-30 persons/min (Normally Closed)
Rotation Direction	Unidirectional or Bidirectional, arm rotation angle 90°
Arm Length	650mm
Operating Temperature	-10℃ ~ 50℃ (Without thermostat)
Material Thickness	Top cover:1.2mm Guardrail:1.2mm Shaft:2.0mm Arm:1.2mm
Communication Interface	TCP/IP, RS485 available (Customized)
Service Life	≥5 million operations
Operating Humidity	5% ~ 90%



BSD-QGZ-1500FS

Double Lane Full Height Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

0.8-1.5 s

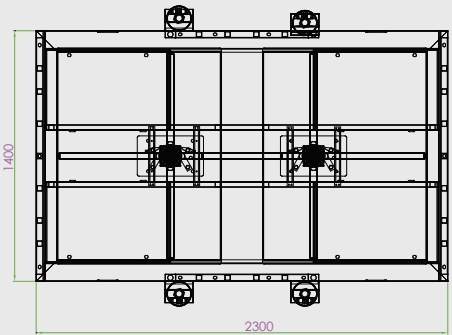
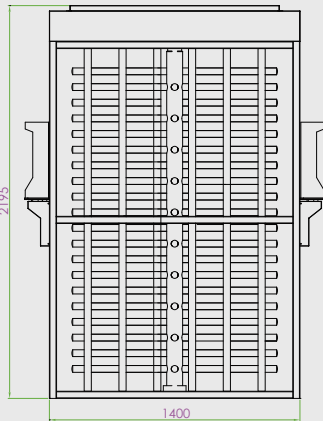
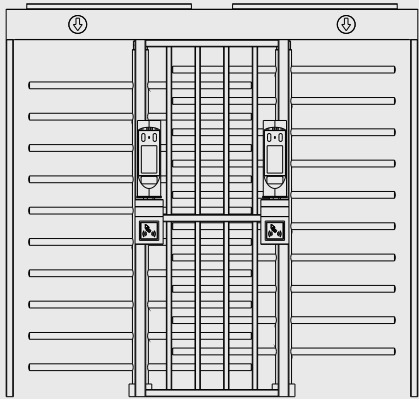
Opening Angle

90°

Passage Width

650mm

Model	Specification
Composition	Mechanism, Cabinet, Control Board, Power Supply
Cabinet Material	201/304 Stainless Steel Frame Structure
Mechanism	Standard mechanism with hydraulic buffer (Optional investment cast stainless steel)
Device Dimension	L2100mm * W1400mm * H2200mm
Input Voltage	AC220V±10%, 50Hz
Drive Motor	DC Electromagnet 30W/24V
Input Interface	Relay switch signal or RS485 level signal
Switching Time	0.8-1.5 S
Working Environment	Indoor, Outdoor (with rain cover)
Passage Capacity	40 persons/min (Normally Open) 25-30 persons/min (Normally Closed)
Rotation Direction	Unidirectional or Bidirectional, arm rotation angle 90°
Arm Length	Standard 650mm
Operating Temperature	-10℃ ~ 50℃ (Without thermostat)
Material Thickness	Top cover:0.7mm Guardrail:0.7mm Shaft:2.0mm Arm:0.7mm
Communication Interface	TCP/IP, RS485 available (Customized)
Service Life	≥5 million operations
Operating Humidity	5% ~ 90%

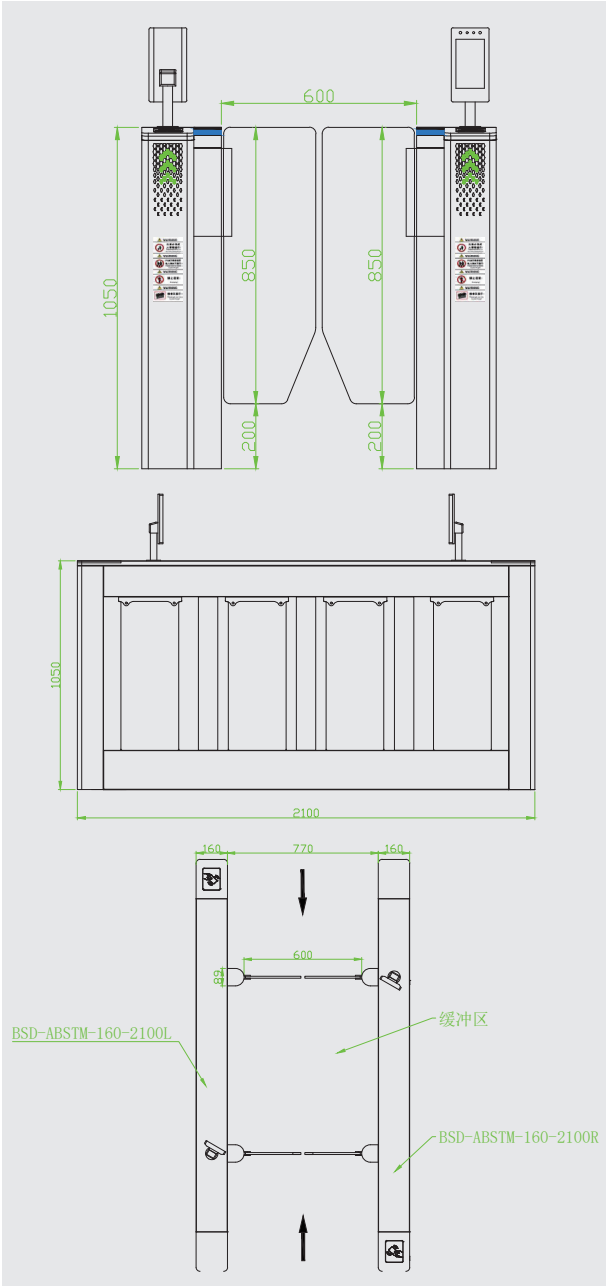


BSD-ABSTM-160

160 Interlocking AB Speed Gate

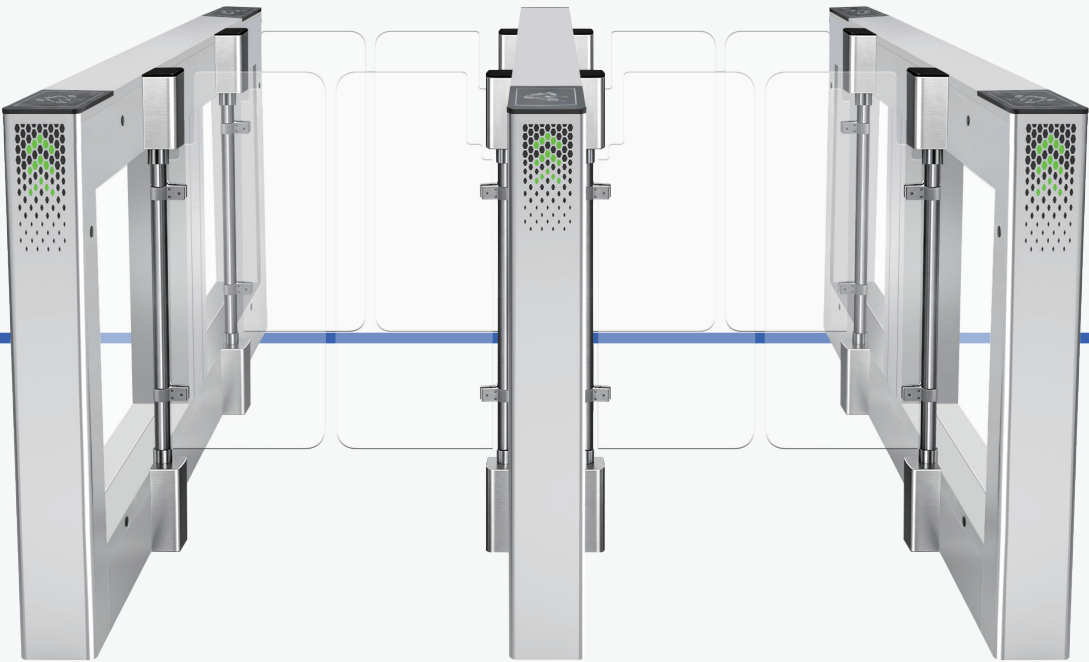


Model	Indoor Type
Swing Arm Material	10mm acrylic with rounded corners for anti-collision
Infrared Beams	12 pairs of infrared sensors
Device Dimension	L2300mm * W160mm * H1050mm (height customizable)
Cabinet Material	SUS304, t1.2mm (main body) +t1.5mm (top cover)
Input Voltage	AC220V ±10%
Drive Motor	Brushless DC Motor, DC24V low-voltage safe power supply
Power Consumption	≤120W
Operating Speed	0.3-0.8 S
Interlock Mode	Hard interlock for dual channels; supports independent / linked mode switch
Clutch Technology	Electromagnetic Clutch Technology
Passage Capacity	14-20 persons /min
Ambient Temperature	-20 ℃ ~ +65 ℃
Passage Width	Standard 600mm; optional 700mm, 800mm
Unit Weight	70KG per unit
Indicator	Side LED arrow indicator (Green = Pass, Red = Stop)
Cabinet Craft	Laser cutting, seamless bending, brushed & passivated surface, anti-rust & anti-scratch
System Compatibility	Face recognition / RFID card / Fingerprint / QR visitor system / Fire linkage / 3rd-party access control system
Communication Interface	Wiegand 26/34, RS485, dry contact for fire linkage



BSD-ABBZ-160

160 Interlocking AB Anti-collision Swing Turnstile



Service Lifespan

≥5 Million Operations

Operating Speed

1.0-2.0 s

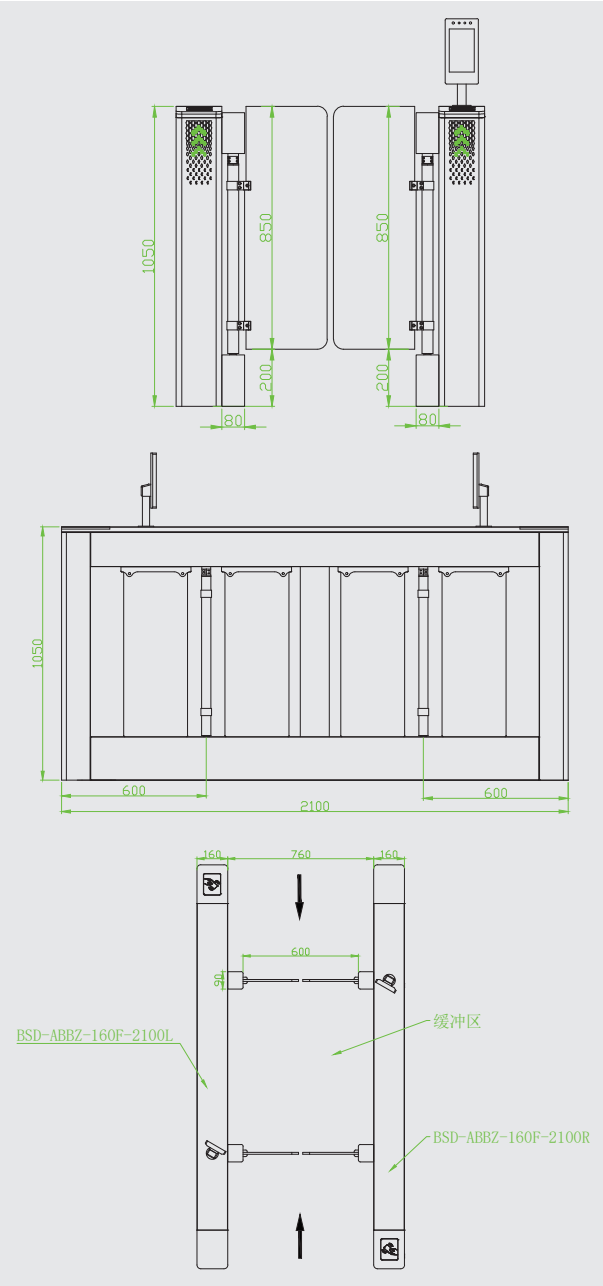
Passage Capacity

10-15 Persons/Min

Passage Width

600~800mm

Model	Indoor Type
Swing Arm Material	10mm acrylic with rounded corners for anti-collision
Infrared Beams	12 pairs of infrared sensors
Device Dimension	L2300mm * W160mm * H1050mm (height customizable)
Cabinet Material	SUS304, t1.2mm (main body) +t1.5mm (top cover)
Input Voltage	AC220V ±10%
Drive Motor	Brushless DC Motor, DC24V low-voltage safe power supply
Power Consumption	≤120W
Operating Speed	1.0-2.0 S
Interlock Mode	Hard interlock for dual channels; supports independent / linked mode switch
Clutch Technology	IP54 (Indoor-only; rain canopy required for outdoor installation)
Passage Capacity	10-15 persons /min
Ambient Temperature	-20 C ~ +65 C
Passage Width	Standard 600mm; optional 700mm, 800mm
Unit Weight	70KG per unit
Indicator	Side LED arrow indicator (Green = Pass, Red = Stop)
Cabinet Craft	Laser cutting, seamless bending, brushed & passivated surface, anti-rust & anti-scratch
System Compatibility	Face recognition / RFID card / Fingerprint / QR visitor system / Fire linkage / 3rd-party access control system
Communication Interface	Wiegand 26/34, RS485, dry contact for fire linkage



VEHICLE BOOM BARRIER / LICENSE PLATE RECOGNITION

STANDARD FEATURES

- 1.DC variable frequency motor, Hall limit sensing and dual-stage buffer reduction.
- 2.Smart frequency control with dual-speed operation and smooth start/stop performance.The open-close time is adjustable from 0.6 to 6 S.
- 3.High-precision encoder positioning,digital display control.
- 4.Manual release function for power failure or emergency situations.
- 5.Buffer design reduces impact,protects mechanism and minimizes noise.
- 6.High-sensitivity pressure sensor provides reliable anti-crush protection.
- 7.LPR accuracy $\geq 99.8\%$ for efficient vehicle access managementSupports Multi-language, access control interface and RS485 communication, and can be integrated with third-party systems.
- 8.Outdoor LCD and LED display system supports customized content with automatic brightness adjustment and smart lighting control.

FUNCTION EXTENSIONS

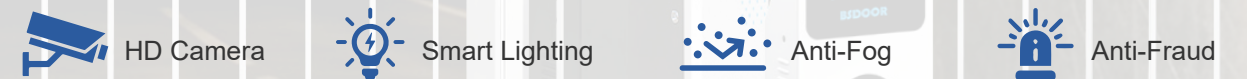
Intelligent Management System



Smart Payment & Operation



Smart Recognition & Protection



User Experience Design

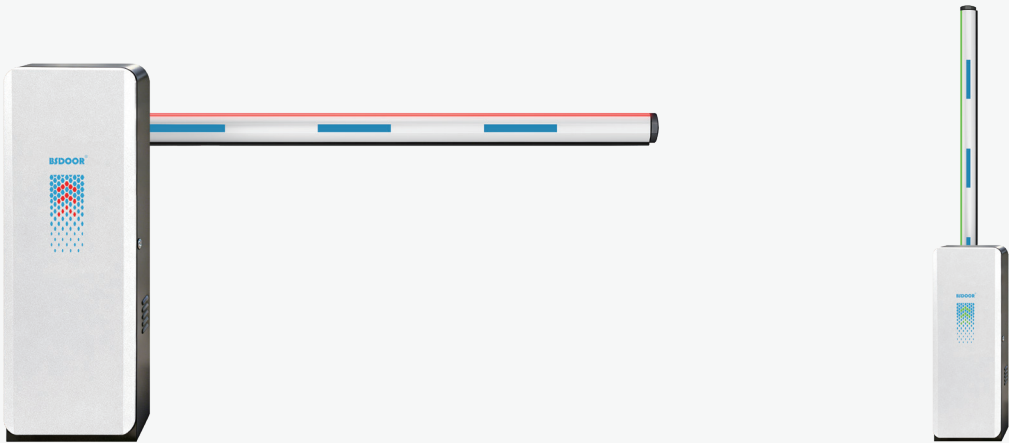


Applications



Vehicle Boom Barrier

BSD-DZ13s

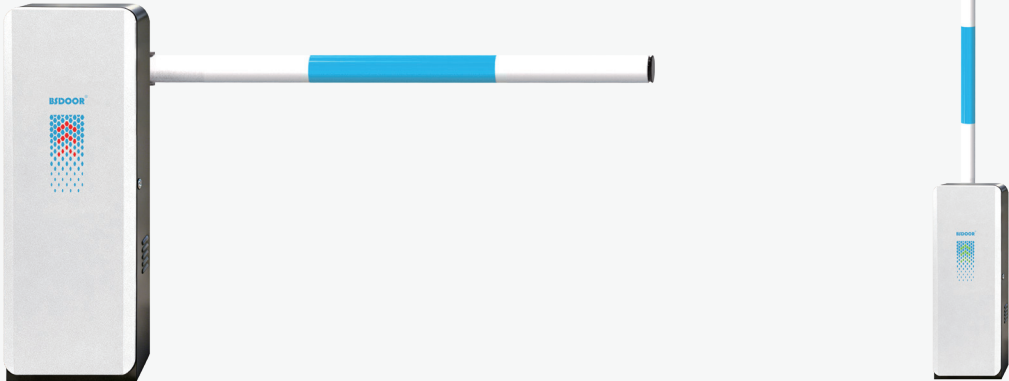


Type

Straight Arm with LED

Operating speed

1.2-3.5 S (Adjustable)



Type

Foam Arm

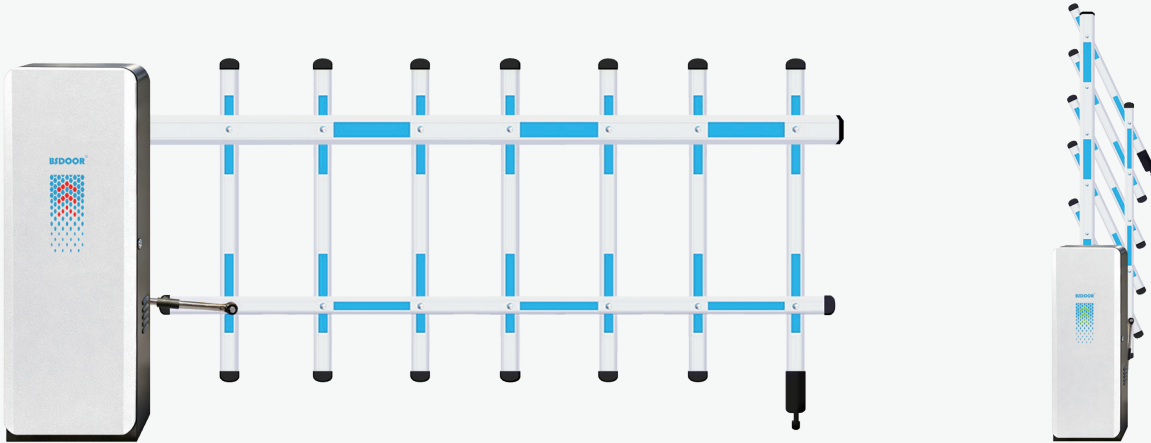
Operating speed

1.2-3.5 S (Adjustable)

Power Supply	220V±10%, 50/60Hz	Operating Speed	1.2s-3.5s
Ambient Temperature	-35℃ ~ +65℃	Remote Control Distance	≥30m
Motor Power	DC24V 120W	Damping Function	Prevent rapid spring-up or pole drop caused by clutch action
Arm Type	Straight Arm With LED / Foam Arm	Other Configurations	Cabinet built-in LED light; red-green light switch for warning during operation
Cabinet Dimension	L348 × W269 × H1060mm	Multiple Interfaces	Compatible with parking management system, infrared sensor, radar protector, etc.

Vehicle Boom Barrier

BSD-DZ13s

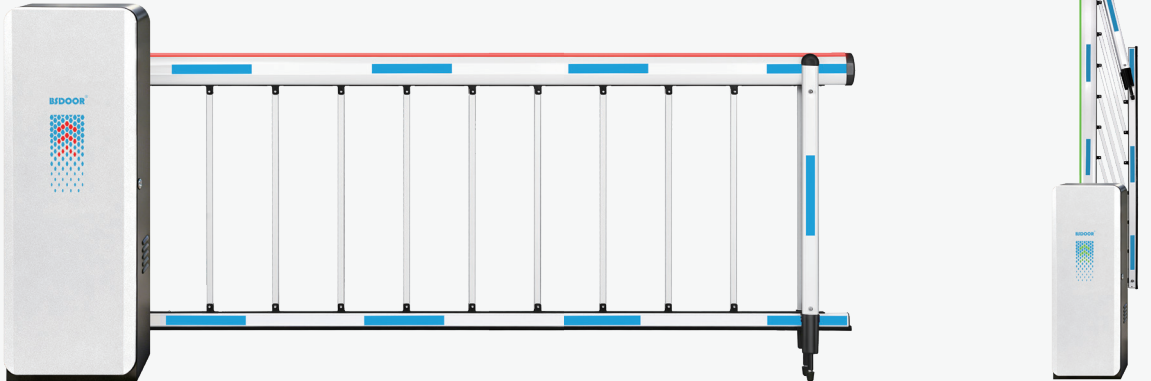


Type

Normal Fence Arm

Operating speed

3.6-6.0 S (Adjustable)



Type

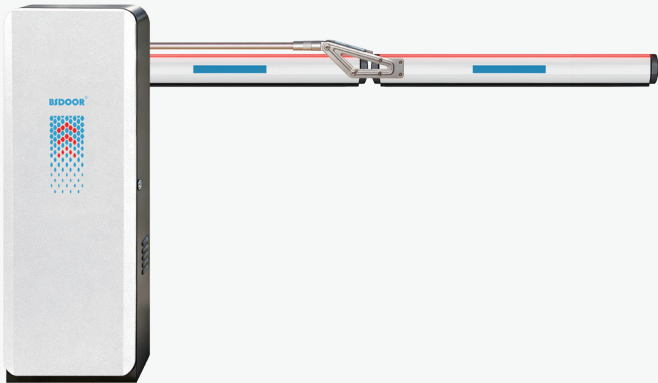
Fence Arm with LED

Operating speed

3.6-6.0 S (Adjustable)

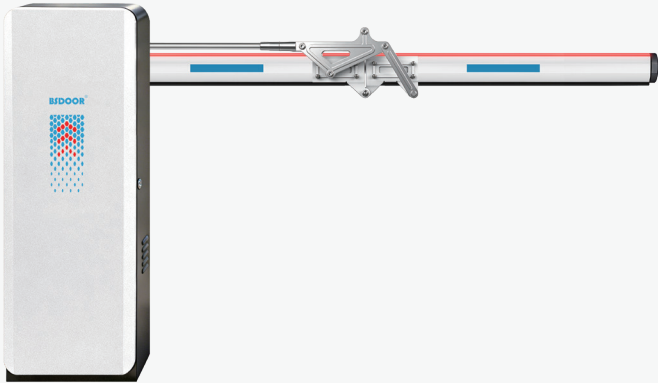
Power Supply	220V±10%, 50/60Hz	Operating Speed	3.6s-6.0s
Ambient Temperature	-35℃ ~ +65℃	Remote Control Distance	≥30m
Motor Power	DC24V 120W	Damping Function	Prevent rapid spring-up or pole drop caused by clutch action
Arm Type	Straight Arm / Fence Arm /Foam Arm/Folding Arm	Other Configurations	Cabinet built-in LED light; red-green light switch for warning during operation
Cabinet Dimension	L348 × W269 × H1060mm	Multiple Interfaces	Compatible with parking management system, infrared sensor, radar protector, etc.

BSD-DZ13s



Type
90°Folding Arm with LED

Operating speed
3.6-6.0 S (Adjustable)

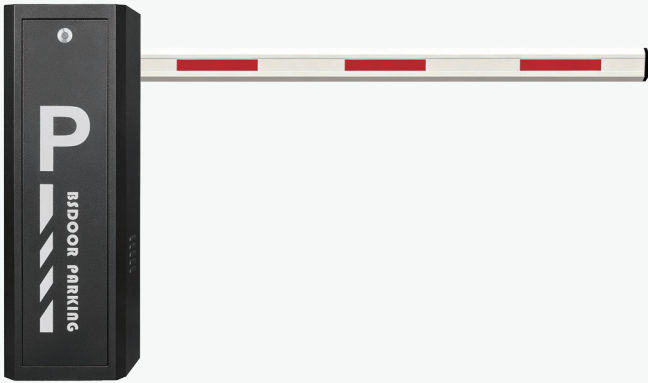


Type
180°Folding Arm with LED

Operating speed
3.6-6.0 S (Adjustable)

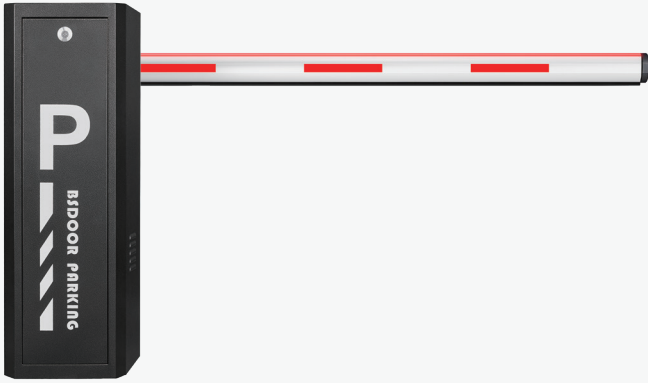
Power Supply	220V±10%, 50/60Hz	Operating Speed	3.6s-6.0s
Ambient Temperature	-35 C ~ +65 C	Remote Control Distance	≥30m
Motor Power	DC24V 120W	Damping Function	Prevent rapid spring-up or pole drop caused by clutch action
Arm Type	Folding Arm with LED	Other Configurations	Cabinet built-in LED light; red-green light switch for warning during operation
Cabinet Dimension	L348 × W269 × H1060mm	Multiple Interfaces	Compatible with parking management system, infrared sensor, radar protector, etc.

BSD-DZ101



Type
Normal Straight Arm

Operating speed
1.2-3.5 S (Adjustable)



Type
Straight Arm with LED

Operating speed
1.2-3.5 S (Adjustable)

Power Supply	220V±10%, 50/60Hz	Operating Speed	1.2s-3.5s
Ambient Temperature	-35 C ~ +65 C	Remote Control Distance	≥30m
Motor Power	DC24V 120W	Damping Function	Prevent rapid spring-up or pole drop caused by clutch action
Arm Type	Normal Straight Arm// Straight Arm With LED	Other Configurations	Cabinet built-in LED light; red-green light switch for warning during operation
Cabinet Dimension	L348 × W248 × H1060mm	Multiple Interfaces	Compatible with parking management system, infrared sensor, radar protector, etc.

License Plate Recognition (LPR)

BSD-SBJ-Y2G



Application Scenarios

Parking facilities for shopping malls, office buildings, residential communities, schools, industrial parks, government buildings, hospitals, and similar venues.

- License plate recognition rate 99.8%
- Web-Based Background Management
- Whitelist Access
- Outdoor High-Brightness Four-Line LED Display

Power Supply	AC220V±10%	Cabinet Craft	Sheet metal mould forming,spray color: Spark Silver
Ambient Temperature	-20℃ ~ +70℃	Dimensions	L355 × W155× H1370mm
Relative Humidity	≤ 95%, non-condensing	Max Resolution	1920(H)×1080(V)
Rated Power	60W	Image Sensor	1/2.8" Star-light CMOS
Communication	TCP/485	CPU	Dual-core 900MHz processor + CNN hardware acceleration engine
LED Display Screen	4-line horizontal screen	License Plate Type	Support license plates from more than 130 countries and regions
Ingress Protection	IP54	ISP	Intelligent ISP, scene self-adaptation
Cabinet Material	High-strength carbon steel	Standard Configuration	Equipped with 6mm fixed-focus lens

License Plate Recognition (LPR)

BSD-SBJ-HY32



Application Scenarios

Parking facilities for shopping malls, office buildings, residential communities, schools, industrial parks, government buildings, hospitals, and similar venues.

- License plate recognition rate 99.8%
- Web-Based Background Management
- Whitelist Access
- Outdoor High-Brightness Four-Line LED Display

Power Supply	AC220V±10%	Cabinet Craft	Sheet metal mould forming,spray color: Spark Silver
Ambient Temperature	-20℃ ~ +70℃	Dimensions	L355 × W155× H1370mm
Relative Humidity	≤ 95%, non-condensing	Max Resolution	1920(H)×1080(V)
Rated Power	60W	Image Sensor	1/2.8" Star-light CMOS
Communication	TCP/485	CPU	Dual-core 900MHz processor + CNN hardware acceleration engine
LED Display Screen	4-line horizontal screen	License Plate Type	Support license plates from more than 130 countries and regions
Ingress Protection	IP54	ISP	Intelligent ISP, scene self-adaptation
Cabinet Material	High-strength carbon steel	Standard Configuration	Equipped with 6mm fixed-focus lens

License Plate Recognition (LPR)

BSD-SBJ-HY11



Application Scenarios

Parking facilities for shopping malls, office buildings, residential communities, schools, industrial parks, government buildings, hospitals, and similar venues.

- License plate recognition rate 99.8%
- Web-Based Background Management
- Whitelist Access
- High brightness LCD display screen

Power Supply	AC220V±10%	Camera Resolution	2880(H) × 1620(V) pixels
Ambient Temperature	-20℃ ~ +60℃	Camera Sensor	5MP CIS Sensor
Relative Humidity	≤95%, non-condensing	Adaptable Vehicle Speed	0-80 km/h
Rated Power	60W	License Plate Type	Support license plates from more than 130 countries and regions
Screen Size	18.5 inch	Cabinet Dimensions	L333 × W200× H1400mm
Screen Resolution	1366*768 pixels	Cabinet Weight	30.2±1kg (73.6±3.3 lbs)
Ingress Protection	IP54	Illumination Distance	15m
Cabinet Material	Cold-rolled Steel Plate (SPCC) + Tempered Glass	LED Bead Quantity	10 pcs

License Plate Recognition (LPR)

BSD-SBJ-SG2



Application Scenarios

Parking facilities for shopping malls, office buildings, residential communities, schools, industrial parks, government buildings, hospitals, and similar venues.

- License plate recognition rate 99.8%
- Web-Based Background Management
- Whitelist Access
- High brightness LCD display screen

Power Supply	AC220V±10%	Camera Resolution	2880(H) × 1620(V) pixels
Ambient Temperature	-20℃ ~ +60℃	Camera Sensor	5MP CIS Sensor
Relative Humidity	≤95%, non-condensing	Adaptable Vehicle Speed	0-80 km/h
Rated Power	60W	License Plate Type	Support license plates from more than 130 countries and regions
Screen Size	18.5 inch	Cabinet Dimensions	L333 × W200× H1400mm
Screen Resolution	1366*768 pixels	Cabinet Weight	30.2±1kg (73.6±3.3 lbs)
Ingress Protection	IP54	Illumination Distance	15m
Cabinet Material	Cold-rolled Steel Plate (SPCC) + Tempered Glass	LED Bead Quantity	10 pcs

**BOLLARDS / TIRE KILLERS
/ ROAD BLOCKERS**

Security Protection Solutions

Heavy-Duty Protection | Impact-Resistant Design | Intelligent Management

BSDOOR Security Series includes Bollards, Tire Killers, Road Blockers and other intelligent security equipment. Designed for government agencies, transportation hubs, industrial parks, commercial complexes and other high-security applications, our solutions provide comprehensive and reliable vehicle impact protection. With strong physical protection, intelligent electronic control and multi-level safety mechanisms, they deliver efficient vehicle access control, risk warning and secure area isolation. Excellent impact resistance as well as stable and durable performance help build a reliable security barrier.



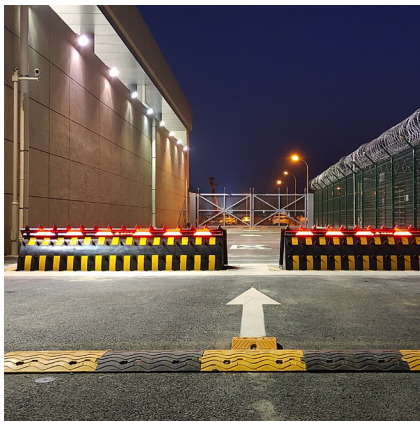
01 Bollards

- ★ 36V safe voltage, pressure-sensor anti-crush
- ★ Passed GA/T 1343-2016 impact test
- ★ IP68 waterproof, anti-corrosion
- ★ Battery & manual emergency operation
- ★ Remote monitoring, traffic-light linkage



02 Tire Killers

- ★ 600-ton bending integrated forming, compression resistant
- ★ Adjustable height, stable & low-noise operation
- ★ MCU control, compatible with gate, loop detector, IR sensor
- ★ Manual lifting available under power-off
- ★ Anti-corrosion coating with high-visibility reflective stickers



03 Road Blockers

- ★ Hydraulic buffer design, low-noise
- ★ PLC control, multi-system linkage
- ★ Manual lifting on power-off, meets GA/T1343-2016
- ★ Integrated panel, K12 crash-resistance grade
- ★ Marine-grade paint, reflective sticker, optional LED

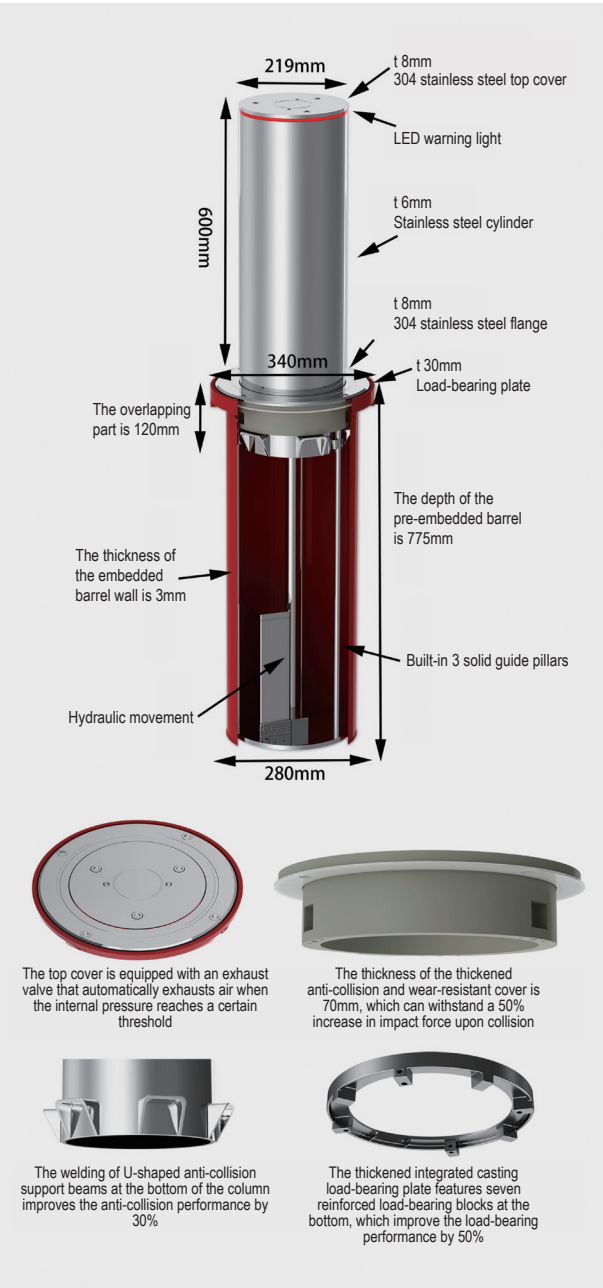
BSD-36V DC Brushless Electric Bollard

Anti-terror Grade, Solid & Reliable



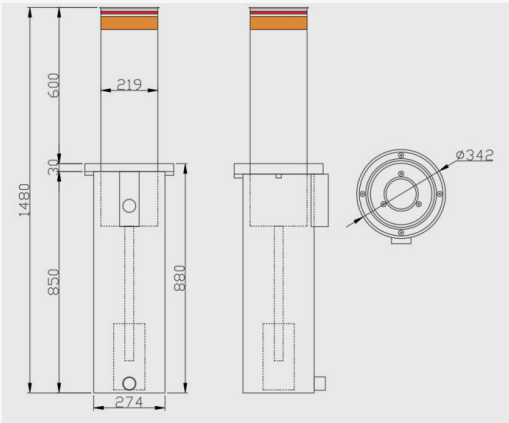
Power Supply	Operating Speed	Rising Height	Impact Resistance
DC36V	Rising 4s / Lowering 3 s	600mm	≥579000J

Item	Parameters
Power Supply	DC36V
Drainage System	Fully sealed unit, no drainage required
Buried Casing	Φ340 * Burial Depth 775mm, Thickness 3mm
Impact Resistance	579000J (2300kg vehicle impact at 80km/h)
Bollard Material	SUS304
Power Failure Emergency	Over 50 lifting/lowering cycles on single when power off
Ambient Temperature	-35°C ~ +70°C
Operating Speed	Rise 4s, Lower 3s
Water & Dust Protection	IP68, Level 9 outdoor anti-corrosion
Lifting Height	600mm
Bollard Wall Thickness	6/8/10mm (Customizable)
Net Weight	57.5KG
Warning Device	120° three-way rotating structure
Control Box	3M reflective strip with LED waterproof warning lamp cover
Pressure Sensor	Automatically stops rising when vehicles/heavy objects detected to avoid vehicle damage
Custom Options	Lifting height, wall thickness, reflective film & company logo silk printing available



Security Series

BSD-219 Standard Automatic Bollard

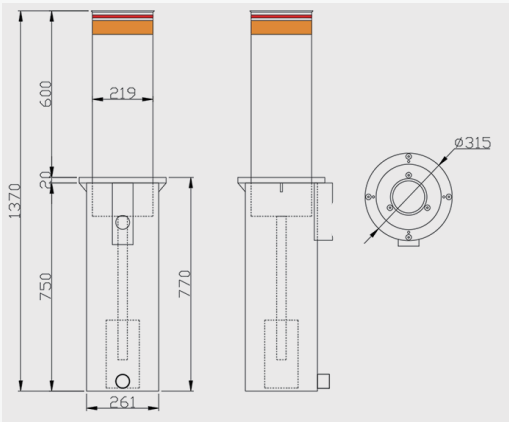


Stainless Steel Bollard	Ø219mm; Thickness 8mm±0.5mm; Lifting Height 600mm
Buried Casing	Height 880mm; Outer Diameter 274mm; Thickness 3mm
Load-bearing Tray	Height 30mm; Solid Core Thickness 10mm; Outer Diameter 342mm
Flange Plate	Stainless Steel; Thickness 8mm; Diameter 320mm
Load Capacity	50-ton container truck passable

Input Voltage	AC100-230V/50-60Hz
Operation Speed	2-3.6 S
Warning Device	3M reflective film + LED warning lamp
Control Mode	Control box button / Remote control / Loop detector remote control
Ambient Temperature	-35°C ~ +75°C (asynchronous lifting below 0°C is normal)

Security Series

BSD-219 Economy Automatic Bollard

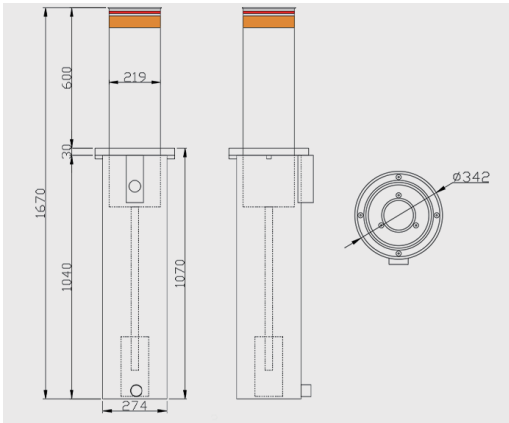


Stainless Steel Bollard	Ø219mm; Thickness 6mm±0.5mm; Lifting Height 600mm
Buried Casing	Height 770mm; Outer Diameter 261mm
Load-bearing Tray	Height 10mm; Outer Diameter 315mm
Flange Plate	350W(Input Power: 600W)
Load Capacity	40-ton container truck passable

Input Voltage	AC100-230V/50-60Hz
Operation Speed	Rise 4s, Lower 2s
Warning Device	3M reflective film + LED warning lamp
Control Mode	Control box button / Remote control / Loop detector remote control
Ambient Temperature	-35°C ~ +75°C (asynchronous lifting below 0°C is normal)

Security Series

BSD-219 Explosion-proof Automatic Bollard

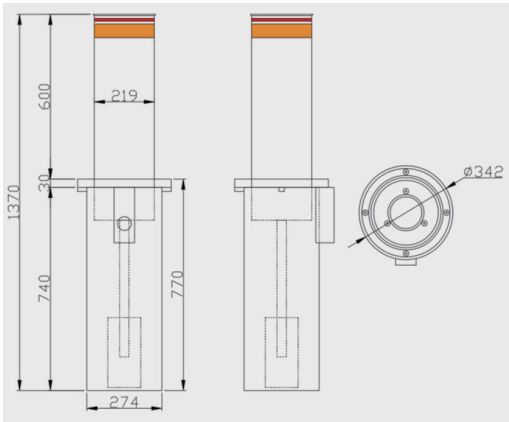


Stainless Steel Bollard	Ø219mm; Thickness 12mm±0.5mm; Lifting Height 600mm
Buried Casing	Height 1070mm; Outer Diameter 274mm; Thickness 5mm
Load-bearing Tray	Height 30mm; Solid Core Thickness 10mm; Outer Diameter 342mm
Flange Plate	Stainless Steel; Thickness 8mm; Diameter 320mm
Load Capacity	50-ton container truck passable

Input Voltage	AC100-230V/50-60Hz
Operation Speed	Rise 4s, Lower 2s
Warning Device	3M reflective film + LED warning lamp
Control Mode	Control box button / Remote control / Loop detector remote control
Ambient Temperature	-35°C ~ +75°C (asynchronous lifting below 0°C is normal)

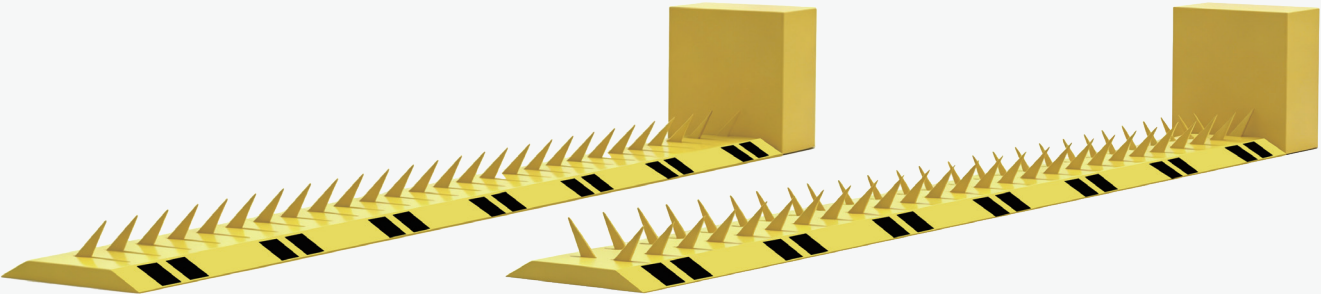
Security Series

BSD-219 Waterproof Automatic Bollard



Stainless Steel Bollard	Ø219mm; Thickness 6mm±0.5mm; Lifting Height 600mm
Buried Casing	Height 770mm; Outer Diameter 261mm; Thickness 3mm
Load-bearing Tray	Height 10mm; Solid Core Thickness 10mm; Outer Diameter 315mm
Flange Plate	350W(Input Power: 600W)
Load Capacity	40-ton container truck passable

Input Voltage	AC100-230V/50-60Hz
Operation Speed	Rise 4s, Lower 2s
Warning Device	3M reflective film + LED warning lamp
Control Mode	Control box button / Remote control / Loop detector remote control
Ambient Temperature	-35°C ~ +75°C (asynchronous lifting below 0°C is normal)



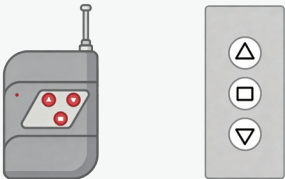
Type

Single Direction / Bi-Directional

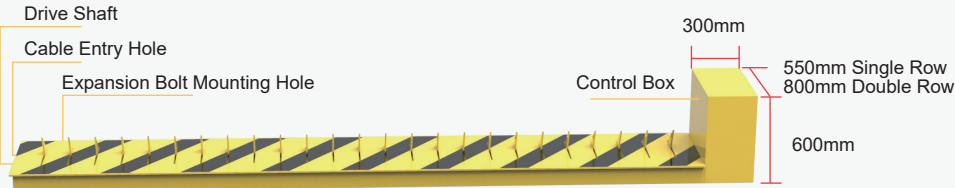
Operating Speed

1.0~2.0 s (Adjustable)

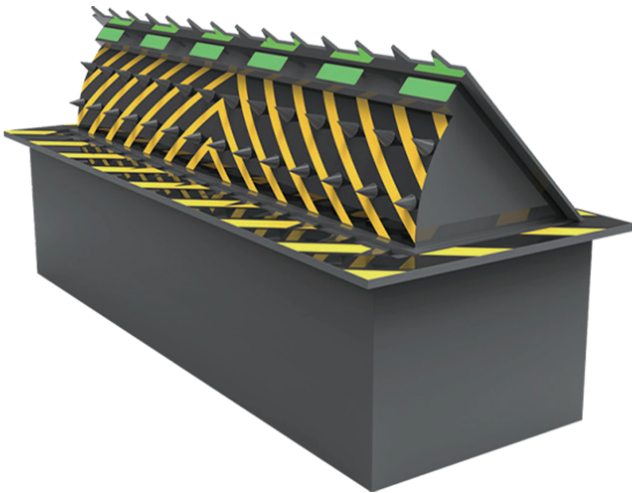
*Warning Light Optional



Remote Control Wired Control Switch



System Control	Electric Drive 220VAC (Control Voltage 24VDC)	Ambient Temperature	-40℃ ~ +70℃
System Power	180W	Dimension	550mm(W) × 80mm(H, without spike), customizable length
Spike Blade	Height 150mm(Adjustable); Thickness 10mm	Remote Distance	≤ 30m
Load Capacity	For vehicles up to 70 tons	Control Mode	Short-range wireless remote, wired remote
Up/Down Time	1~2s	Wired Control Distance	≤ 100m



Interception Height

500mm

Operating speed

1.0~3.0 s (Adjustable)

(Supporting equipment for roadblock machines)



(PLC Control Box)



(Hydraulic Unit)

Control Cabinet Technical Parameters

Control System: Xinje PLC with original-import US chips	Cabinet Housing: Powder-coated finish
Self-test Program: Standard	Trial-period Setting: Standard
Dawn & Dusk Setting: Standard	Security Alarm Linkage :Standard
Fire Alarm Linkage: Standard	Earth-leakage Circuit Breaker: Chint
Contactor: Chint	Relay: Omron
LED Remote Controller: 2.4GHz, 30-meter remote range	Wired Control Switch: Optional
Switching Power Supply: Mean Well (Taiwan), 220VAC industrial grade, 100m cable included as standard	

Hydraulic Unit Technical Parameters

Power Unit: Electro-hydraulic	Motor: 3HP*4P, 3-phase 380VAC (Industrial Grade)
Oil Pump: Industrial-grade Gear Pump	Manual Pump: Standard (Emergency Lifting & Lowering)
Oil Tank Capacity: 30-60L	Power Supply: 380VAC (Control Voltage 24VDC)
Protection Class: IP67	Ambient Temperature: -35℃ ~ +75℃
System Power: 3.75-5.5KW	Oil Pipe: PT international standard port, 1/2 double-layer steel wire high-pressure hose



Up / Down Time	1s-3s adjustable	Drainage Design	Effective drainage at bottom of unit
Dimensions	L3000 × W1000× H750mm(Length customizable)	Warning Mark	Obvious warning marks with night warning function
Blocking Height	500mm	Material	A3 Steel
Spike Spec	Length 80mm, Diameter 30mm	Customizable Colors	Black:Yellow, Green:Yellow, Red:Yellow
Steel Panel Thickness	16, 20, 25mm	Anti-rust Treatment	Spray paint process for anti-rust performance