
BOLAN
Bolan Security
Your Safe, My Guardian

INTELLIGENT AUTOMATIC
Swing barrier

Model
BLS-HSA301

Swing barrier has small installation footprint while offering widest opening clearance to allow big boxes, trolley, wheelchair, baby stroller or user with big luggage to pass through with comfort.

Swing barrier compact size and turbular shape allow it to easily fit into places with very limited space. Access control and time attendance reader can be integrated into top cover.

Swing barrier design is simplified to achieve optimum function at more affordable cost. Control system mechanism is modular for easy maintenance servicing and part replacement.

Swing barrier is typically used together with flap barrier or turnstile as manual lane for handicapped user in building lobby. Ideal for low traffic and light duty site that requires more affordable solution.

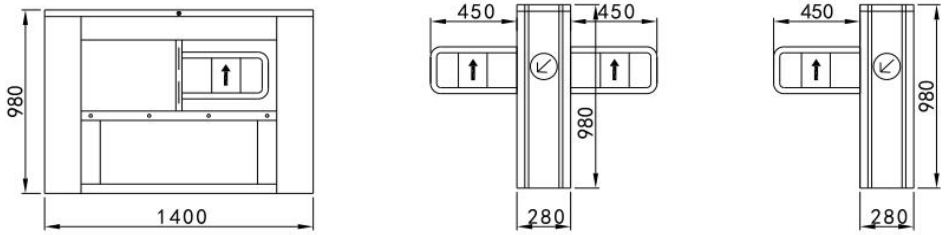
1400x185x980mm Arm length:45cm

ICHANNEL
INTELLIGENTIZE MANAGEMENT SYSTEM

TECHNICAL SPECIFICATIO

Description	Parameters
Lane Width	900-910mm
IP	IP54
Pass Speed	30 persons/min
Power supply	AC220V/110V,50/60Hz
Drive Mode	Motor drive
Max Power Consumption	200W
Opening time	0.5S
Humidity	≤90% coagulation free
Noise	≤50dB
Service Life	5,000,000 cycles
Outside packing	145x110x36cm
Working Environment	-20°C~+60°C
Gross Weight	85KGS

DIMENSION



Note： The arm stretched out to an effective length is 440mm.When the arm used only for one-way open or increase the housing legth,the arm can be extended accordingly.(Arm 550mm,houring length 1600mm).

Features

1 RELIABILITY

Patented compact mechanism ensures the long life of the lubricating oil inside and high quality electrical components.

2 WIDEST OPENING

Compared to tripod turnstile and flap barrier, swing barrier allow widest opening clearance.2 unit swing barrier can be installed on same lane to give maximum clearance 910 mm (inclusive 10 mm clearance).

3 CUSTOMIZE OPENING

Swing barrier allow customizable opening. The wing can be cut short according to clearance available at site to achieve perfect fitting.Control system will auto synchronize both swing barrier installed in the same lane. Both swing barrier will open and close at the same time.

4 EASY INTEGRATION

A push button or access control reader can be used to trigger the swing barrier to open via simple dry contact signal. After delay timer elapsed, swing barrier will automatically close back by itself.

5 DOUBLE SAFETY

Optional IR sensor can be installed to auto reverse the gate if obstacle is detected during closing. This prevent the closing gate to hit user that is still in the lane passage.

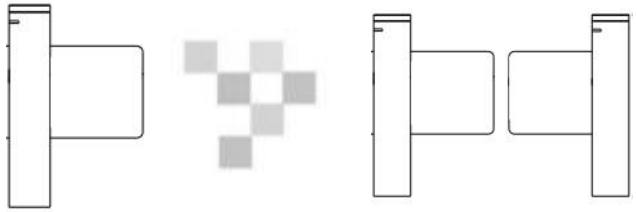
6 EMERGENCY RECOVERY

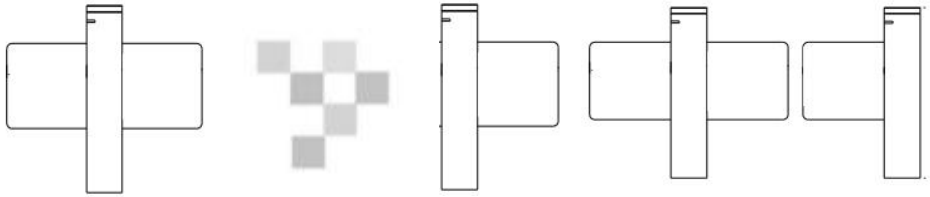
During power failure, swing barrier will automatically open for free pass through. This will fast escape in the event of emergency. When the power resume, swing barrier will automatically close back.

Swing Barrier *Different type*

According to quantity of the wing,it can be divided into one wing swing barrier and double wings swing barrier.One lane combined by 2 pcs one wing swing barrier,two lane combined with 2 one wing and 1 double wings swing barrier.

According to different control modules, swing barrier can be divided into full-auto swing barrier and standard swing barrier.Fully automatic swing barrier built in clutch that will automatically disengage motor drive from gearbox when the gate is obstructed. Clutch release reduce impact force to minimum in the event that gate closed onto passing users. This protects the motor and control panel from being damaged due to overload.





Mechanism&Drvie board

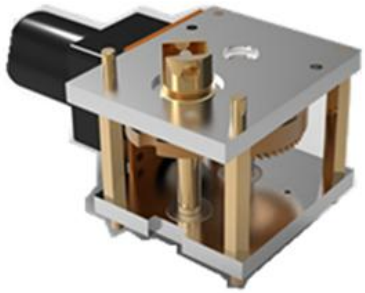
Heavy-duty design for 24 hours continuous application,3 million times or above test.

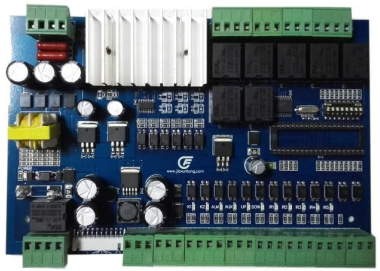
High durablility with industrial parts.
Runing is quiet without any noise&shock.

Self designed drive board adopts original Mitsubishi drive moduel.

Capatitable with 3A-15A current.

Over-heat and overload dual protection.





Status And Direction Light

Green Arrow indicates that the turnstile is unlock to permit a passage and shows the direction of authorized passage;

Red Cross indicates that passage is not allowed and shows that the turnstile remains in locked status.

Control Over Turnstile

From the remote control panel or a wireless remote control(in the pulse control mode).

From access control system via a controller (in either pulse or potential control mode).

The turnstile is a normally closed unit(N/C),it is remains unlocked until it receives a valid authorization or is unlocked with a mechanical release key.

If integrated into a fire alarm system,the turnstile can also be automatically unlocked by fire alarm signal.

Operating Modes

Single passage in the set direction(the turnstile is open for one passage in the permitted direction and closed in the opposite direction).

Bi-directional single passage(the turnstile is open for one passage in each direction).

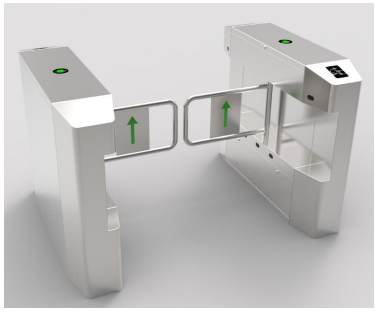
Free passage in the set direction(the turnstile is open for multiple passages in the permitted direction and closed in the opposite direction).

Free passage in the one direction,single passage in the opposite direction(the turnstile is open for multiple passages in the permitted direction and one passage in the opposite direction).

Always free(the turnstile is open for entry and exit).

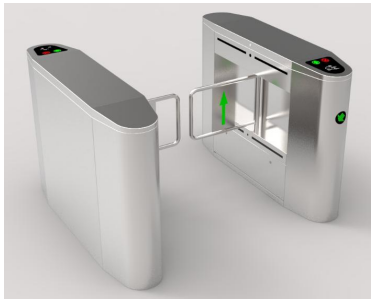
Always locked(the turnstile is closed for entry and exit).

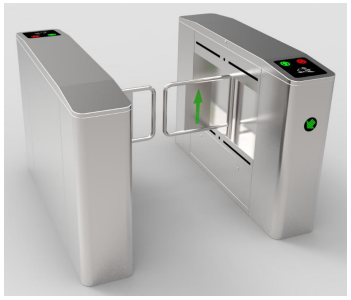
Housing *Optional*
BLS-S301/S302



120x28x98cm Arm length:45cm

BLS-S303/S304





140x28x98cm Arm length:45cm

Materials

Turnstile Housing: high quality powder coating steel or stainless steel

Wing : acrylic or PMMA

Timeout Facility

The turnstile has a preset timeout period(the passage waiting time) when the turnstile is unlocked to allow a passage in the permitted direction.

A timed auto re-lock if the passage has not begun (if not rotated) over this period is a standard feature.

The passage waiting time in the pulse control mode is 5 seconds regardless of the control signal duration.In the potential mode the passage waiting time is equal to the control signal duration.

Interface

”Fire Alarm” control input to unlock the turnstile when an appropriate signal is received from fire alarm system or emergency button.

Relay outputs to connect remote light indicators,an intrusion detector,a siren and an emergency unlocking device.

Galvanic decoupling of the outputs to ensure noise-immunity of the turnstile electronic.

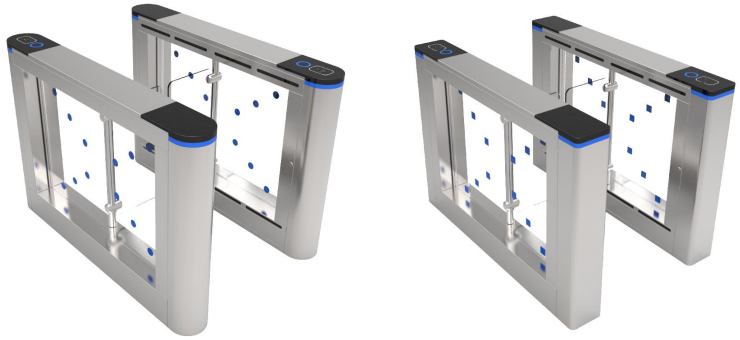
The logic is protected again short circuits,overloads and polarity inversion.

Warranty

The warranty period is 12 months commencing from the date of sale.

Housing *Optional*

BLS-S401/S402



1400x185x1020mm

BLS-2011RP BLS-201

168x1200x1050mm

480x280x980mm