SXK-YZ01

Flap Barrier Gate

The YZ01 controls pedestrian entry at offices, residential communities and public facilities. Its compact stainless steel cabinets combine retracting flaps, infrared detection and a third party access control interface for managed passage.



Two lane arrangement with a shared centre cabinet

Cabinet size	Typical throughput	Cabinet material
1200 × 300 × 980 mm	40 to 60 persons/min	SUS304 stainless steel

Features

Compact cabinet profile. A 300 mm wide enclosure supports lane layouts where installation space is limited.

Brushless drive. DC brushless motor control provides smooth flap movement and adjustable operating speed.

Clear user guidance. Direction indicators and voice prompts help users identify available lanes and passage status.

Flexible integration. Reader mounting space and a dry contact interface support compatible card, QR and biometric systems.

Product Function

Authorised passage. A compatible access system validates the credential and sends an opening command to the gate.

Direction management. Configure entry and exit authorisation or infrared release modes to suit site operation.

Passage protection. Infrared anti pinch detection and motor stall protection support controlled movement through the lane.

Alarm response. Configurable alarms address unauthorised entry, tailgating and reverse passage.

Adjustable operation. Opening duration, closing delay, speed and audible prompts can be set through the controller.

Emergency control. An external opening input and emergency operating mode support site integration. Verify the supplied power failure arrangement during commissioning.

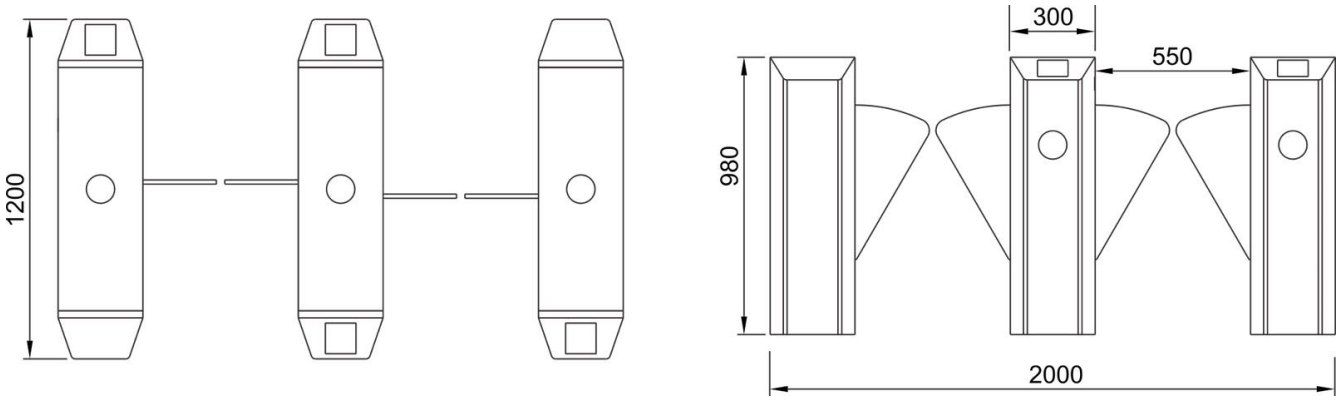
Technical Parameters

Parameter	Specification
Model	SXK-YZ01
Drive	DC brushless motor
Power supply	AC 110 V or 220 V, 50/60 Hz
Rated power	60 W
Typical throughput	25to 35 persons per minute
Passage width	550 mm
Cabinet dimensions	1200 × 300 × 980 mm (L × W × H)
Cabinet material	SUS304 stainless steel
Material thickness	Top lid 1.5 mm; side panels 1.2 mm
Infrared detection	3 pairs
Control input	Dry contact / relay signal
Voice prompt	Supported
Ingress protection	IP44
Operating temperature	−10 °C to +60 °C
Operating humidity	5% to 85%
Installation environment	Indoors or sheltered outdoor locations
Gross weight	57 kg

Brushless configuration reference. Throughput depends on credential verification and user behaviour. Confirm the final configuration and site conditions before ordering.

Size Drawing

Cabinet dimensions are stated in millimetres. The plan and elevation below show a typical two lane arrangement.

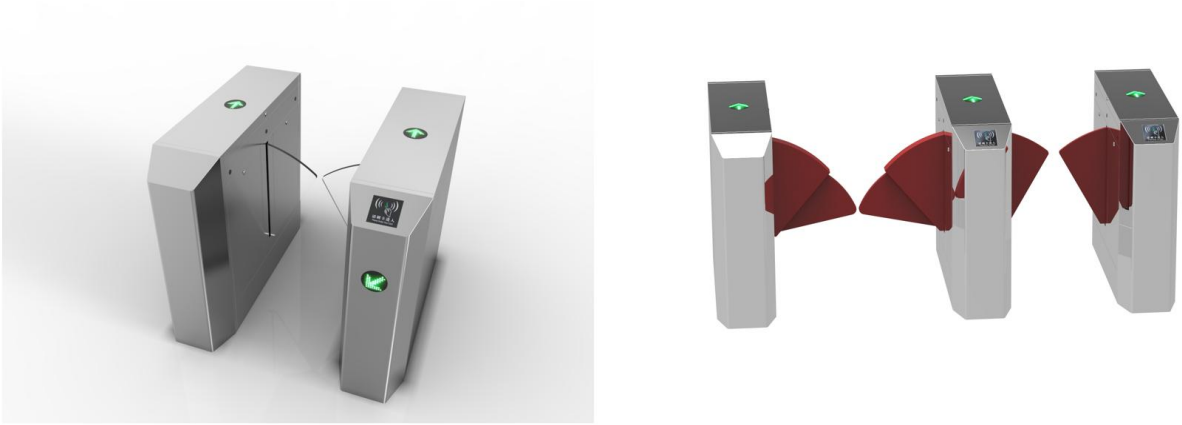


Plan view at left and front elevation at right

Dimension	Nominal value
Cabinet length	1200 mm
Cabinet width	300 mm
Cabinet height	980 mm
Clear passage shown	550 mm
Overall width shown	2000 mm for two lanes and three cabinets

Layout calculation: 3 × 300 mm cabinets + 2 × 550 mm clear passages = 2000 mm. Confirm lane spacing, floor fixings and cable routes against the approved installation drawing.

Product Configurations



Clear acrylic flap option at left and extended flap arrangement at right

Use end cabinets and shared centre cabinets to form multiple lanes. Specify flap finish, reader provision and lane width for the project. Confirm wider access requirements and floor details before installation.

Application Scenarios

The YZ01 can form part of an access system for staff, visitors or residents. Select credentials and lane operating modes to match the site workflow.



Office Buildings

Employee and visitor access



Commercial Entrances

Managed entry for staff and guests



Government Facilities

Controlled entry at facility boundaries



Residential Communities

Resident and visitor access

Access Control Options

Access method	Integration purpose
RFID card	Employee, resident or campus credential
QR code or barcode	Visitor pass or compatible ticket validation
Face or fingerprint recognition	Credential validation by an optional biometric terminal
Palm vein or iris recognition	Optional compatible biometric reader
Push button or remote control	Attended opening through a compatible control input
Coin or ticket system	Optional integration for paid admission

Readers, biometric terminals, payment equipment and management software are optional and depend on the selected system. Attendance, visitor and ticketing functions require a compatible external platform.

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Specifications are subject to change without notice. Please confirm final configuration and certifications with our sales team before ordering.