



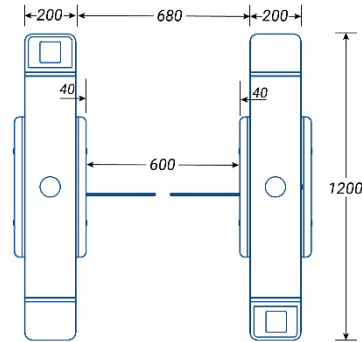
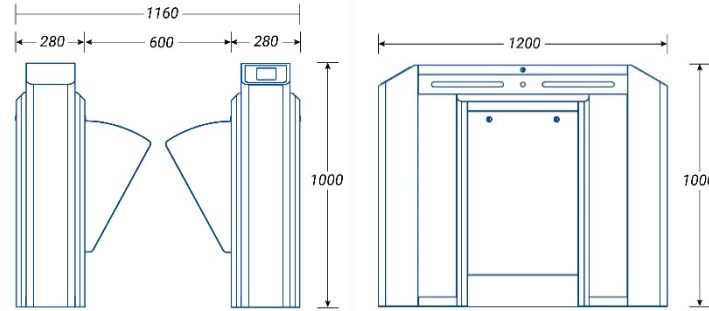
## F30

### FLAP TURNSTILE

- F30 optical flap turnstile is a high performance pedestrian control turnstile. Usually used in high pedestrian traffic flow in both directions to control pedestrian entry or exit in restricted areas.
- 304 Stainless steel material, durable, high quality, for long lasting use.
- The F30 features designed with standard relay signal, which can integrate easily to any kind of access control and fire systems through I/O (dry contact).
- In case of emergency, when power goes off both directions are free.
- Passing direction: single directional / bi-directional.

## 1 AESTHETICAL DESIGN

The panels of the flap turnstile extend from a pair of optical revolving door cabinets, forming a pedestrian barrier in the middle of the two cabinets. Flap turnstile is an aesthetically pleasing security and access control solution.



## 2 EMERGENCY AND FIRE SAFETY

The arms will automatically retract during power failure. Flap turnstile also can be triggered to permanently open during emergency to facilitate fast evacuation. This is complying with fire safety requirements.

## 3 HIGH DURABILITY

Altogether, there are 12 million cycles, 304 Stainless steel material and brushless DC motor, which guarantee greater durability and longer equipment life.

## 4 FLEXIBLE SECURITY

The turnstile designed with consolidated and more durable mechanism, will not break even someone collide it, anti-collision and anti-kick function.

## 5 AUTO CLOSE TIMER

The flaps will close automatically if there is no pedestrian passing or passenger delay to entry.

## 6 ALARM DETECTION

IR sensors detect unauthorized or abnormal access. Alarm buzzer function will be triggered when the user is passing thru without authorization, tail gaiting, illegal intrusion or incorrect direction.

## TECHINCAL SPECIFICATION

Material	304 Grade Stainless Steel
Cabinet Dimension	1200(L) X 280(W) X 1000(H)mm
Arm Material	Plexiglas-transparency
Passage Width	600mm standard lane
Throughput	40 to 45 people per minute
Response Time	≤0.3S
Net Weight	65kg/pcs single core 85kg/pcs double core
Directional Mode	Uni-directional or bio-directional
IR Sensor	5 pairs (standard)
Power Supply	AC220V/110V, 50/60Hz
Power Voltage	24V DC
Power Consumption	40W
MCBF	12 million
Operating Temperature	-20 °C - 75 °C
Operating Environment	Indoor or outdoor (need with shelter)
Relative Humidity	≤ 95%
LED Indicators	Red cross means gate closed, green arrow means gate opened
Glass LED Strips (optional)	Blue, green and red three colors
Warranty	18 Months

## Multiple Operating Modes-optional

IC/ID card, key fob, QR/bar code, face / fingerprint / finger vein biometric recognition, push button, ESD, wireless remote control, insert coins / card / wristband, digit