



- ## Structure and Materials

- ## Drive System

- ## Functions and Interfaces

- Entry and exit can be individually set to control, locked, or free state.
- In controlled mode, upon receiving an access release confirmation signal, the barrier wing opens to allow one person to pass and then automatically closes until a new release signal is received.
- Supports consecutive triggers (stacked cards/multiple activations) with priority given to the first signal.
- Outputs alarm signals via RS232 communication using a coded protocol, with different instructions for each status.
- Equipped with a cleaning mode featuring a key switch.
- Controlled via 24V DC signal inputs/outputs.
- In emergencies or power failure, the door will open the barrier in a fail-safe manner towards the exit.
- Once the emergency alarm is cleared or power is restored, the door automatically resets.
- The LED displays the door's operating status:
Green: Passage confirmed
Red: Passage denied
- Operation mode for entry/exit, audio-visual prompts, release timeout, emergency opening direction, barrier wing opening angle, and open/close speed.
- Audio-visual alarm only (no physical barrier).
- Immediate closure of the barrier wing to block passage (without audio-visual alarm).
- Immediate closure accompanied by an audio-visual alarm.
- Both security alarm and barrier functions disabled.
- The barrier wing can be printed with the customer's logo.

Construction	New Gen Aluminum Alloy 6-series, Painted Carbon Steel, Acrylic
Passage width	450 mm Minimum (Customizable)
Cabinet size (W x L x h)	300 mm / 1020 mm / 980 mm
Housing Thickness	FREE UPGRADE to 3.0 mm
Power Supply	100 - 240 VAC, 50/60 Hz
Logic Voltage	24V DC
Operation Temperature	-20° / +70°
IP Protection	Cabinet IP52
Drive Mechanism	Brushless Servo Motor & gear box with integrated encoder & electromagnetic brake
Opening/Closing Time	0.3 - 2.7 sec (depends on leaf size)
MCBF	12.000.000 cycles
MTTR	< 30 minutes
Power Consumption (per lane)	70W (during operation)/ 40W (stand-by)
Sound Intensity	50 dB (during operation)
Number of Sensors	14 (Ultra-wide)
Communication	RS232 (convertible to RS485 and TCP/IP)