



Hidden Gate

HG-100 / HG-145 / HG-180

Aktuel, HG-100, HG-145, HG-180 Series Hidden Gate Turnstiles are robust products functioning indoor or outdoor, provide pedestrian access control in areas requiring moderate level of security and PLC controlled wing movement is provided by brushless motor. Hidden Gates are enhanced with security features such as anti tailgating and anti passback, with five, seven or fourteen optical sensors embedded in the turnstile case, which in total ensures one of the highest reliability available in market and a remarkably long life even in case of intensive usage.

MAIN BODY

- Main body and lateral lids manufactured from 1.5 mm 304 - grade stainless steel.
- Top cover ; Stainless steel, Glass, Plexiglass alternatives.
- Internal body is reinforced with 5 mm metal sheets, which increase resistance strength.
- Lateral covers are removable for easy access for servicing and maintenance and coated with 3 mm plexiglass material for sensor protections.
- All other parts are electro galvanized against corrosion.

SAFETY & ELECTRONIC SECTIONS

- In order to avoid risk of electric shock, the control power is 24VDC (Max 100W)
- Main movement mechanism is provided by a 24V Brushless DC motor.
- Motor start and stop control is maintained by PLC control systems.
- Suitable for Normally Closed (N/C) and Normally Open (N/O) Operation. (5-7-14) IR Sensor control for N/O mode, sequential (switching) passage feature for N/C mode, anti tailgating and anti-passback features.
- Two LED indicators exist at front and rear side of turnstiles. Green Arrow for "Access Open", Red Cross for "Access Closed".
- Compatible with all access control systems that provide dry contact or TTL CMOS 5-48 V control grounding outputs. Optional, RS-232 control is available.
- All the corners and sides are rounded to prevent injury.
- Safety photocell ensures that the wings are not closed when objects are detected between the wings.
- Electrical and mechanical safety is provided for all the systems.
- Operating Temperature -20°C / + 68°C (0°F / + 130°F)

APPLICATIONS

- Public transportation (Train Stations, Metro Stations, etc...)
- Government Offices - Public Offices - Business Centers
- Schools - Stadiums - Sports Centers - Industrial Buildings



HG-180- Hidden Gate Turnstiles



Technical Drawing

