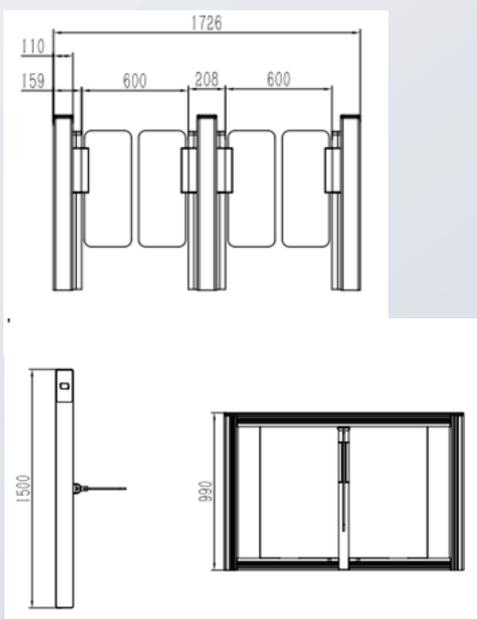# iDTRONIC

Security Gate

ID GATE 8500

PRODUCT DESCRIPTION

The ID GATE 8500 is a high-performance intelligent speed gate designed for secure and efficient pedestrian access control. Featuring a reliable brushless servo-driven mechanism, integrated infrared safety sensors, and advanced anti-tailgating and anti-reverse detection, it ensures smooth and secure passage management.

With support for multiple authentication technologies—including IC/ID cards, QR scanning, and face recognition—the system integrates easily into modern access control environments, making it ideal for commercial buildings, corporate facilities, transportation hubs, and other high-security areas.

DIMENSIONS

HIGHLIGHTS

- Robust Industrial Design
- Advanced Anti-Tailgating & Anti-Reverse Protection
- Flexible Memory & Operation Modes
- Automatic Reset Function
- Integrated Infrared Anti-Clipping Sensors
- Multi-Credential Support (RFID, QR, Face Recognition)
- Seamless System Integration

Accessories (Optional)

- iDTRONIC R840 Ethernet
- QR Code Reader ID Ident 1500/2000
- Remote Control (Wired /Wireless)
- 3rd party reader installation (z.B. MIFARE, LEGIC, EM, HID etc.)

TECHNICAL DATA

SPECIFICATIONS	
Dimensions	990 x 918 x 1500mm
Material (housing)	Aluminum alloy - black anodized
Glass panel	Acrylic arms
Power supply	24V / 500W
Input voltage	AC100V ~ 240V, 50/60 HZ
Passage width	600 – 900 mm
Passage frequency	50 People per Minute
Infrared sensors	8 pairs
LED	RGB light strip
Communication mode	RS485
Control system	Servo control system
Drive motor	Brushless servo motor
Operating temperature	-20°C ~ +70°C
Humidity	≤90 % non-condensing
IP	IP4X

ORDER CODES

DESCRIPTION	
ID Gate 8500	• R-TS-IDG-8500

PRODUCT IMAGES