



Sensor Gate

BS-DSQ70

SPEED GATES

The DS-Q70 Quantum Speed Gate is one of the fastest swing barrier gates available on the market, designed for locations with extremely high pedestrian flow, offering a throughput of up to 45 people per minute and an ultra-fast opening and closing speed of only 0.2 seconds. It supports wide passage widths from 600 to 1100 mm, making it suitable for wheelchair access and users with large luggage. Featuring a classic black or white appearance, the gate delivers an elegant and timeless design, while green and red LED indicators clearly display passage status. The system complies with fire safety requirements, supports integration with any access control system, and allows customization of logo, appearance color and dimensions to suit the installation environment.

MAIN FEATURES

- ⊗ One of the fastest speed gates on the market
- ⊗ Ultra-fast opening and closing speed up to 0.2 sec (adjustable)
- ⊗ Throughput up to 45 people per minute
- ⊗ Passage width from 600 to 1100 mm for wide access
- ⊗ Classic and elegant black or white design
- ⊗ LED indicators:
 - ⊗ green – valid access
 - ⊗ red – access denied
- ⊗ Selectable single-direction or bi-directional operation
- ⊗ Automatic reset function if passage is delayed
- ⊗ Automatic arm opening during power failure (fire safety compliant)
- ⊗ Advanced security features:
 - ⊗ anti-intrusion
 - ⊗ anti-reverse entry
 - ⊗ anti-tailgating
- ⊗ Infrared sensors for illegal and reverse intrusion detection
- ⊗ Automatic arm reset after strong impact without damage
- ⊗ Smooth and quiet operation with no mechanical impact
- ⊗ Compatible with any access control system
- ⊗ Customizable logo, housing color and dimensions
- ⊗ Easy installation and maintenance
- ⊗ 3-year manufacturer warranty



TECHNICAL DATA

Model	BS-DSQ70
Framework Material	Steel with black or white stoving varnish
Card Reader Panel Material	Tempered glass
Arm Material	Transparent plexiglass
Dimensions (L×W×H)	1400 × 120 × 978 mm
Weight	~75 kg / unit
Passage Width	600–1100 mm
Arm Height	900–1800 mm
Passing Direction	Single-directional or bi-directional
MCBF	15,000,000 cycles
Power Supply	AC 220V / 110V, 50/60 Hz
Operating Voltage	24 V DC
Power Consumption	20 W
Operating Temperature	-20°C to +75°C
Operating Humidity	0–95% (non-condensing)
Working Environment	Indoor / outdoor
Flow Rate	Up to 45 people/min
Infrared Sensors	6 pairs (standard)
LED Indicator	Yes
Emergency Mode	Automatic arm opening
Communication	Dry contact, relay signal, RS485

