

PEOPLE ENTRANCE MANAGEMENT SYSTEM

VP-PM5040SC/DC-SGT3 SINGLE/DOUBLE MACHINE CORE SWING GATE



FEATURES

Heavy-duty motorized-automatic swing gate speed barrier

Single/dual machine core with bi-directional operating modes supported

Integration support with any RFID/Biometric Reader through NO input

Brushless servo motor ensures smooth, stable, and low-noise operation

64 point infrared light curtain provides anti-pinch protection and safe pedestrian passage

Automatic reset of swing barrier after each passage

Robust cold-rolled steel structure with protective powder coating



LED Direction
Indicators

INGRESS
PROTECTION
RATING

IP44



100%
Duty Cycle



Delay Time



Wired
Terminal

TECHNICAL SPECIFICATIONS

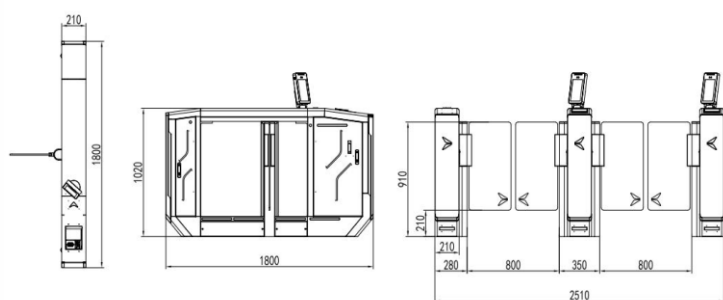
VP-PM5040SC/DC-SGT3

Parameter	Specifications
Passage Width	≤600mm (standard), ≤900mm (optional)
Throughput Rate	35-40 persons per minute
Opening & Closing Speed	Adjustable
Safety Sensors	64-point infrared light curtain
Safety Functions	Anti-tailgating, anti-reverse passage, infrared anti-pinch protection, and automatic reset
Passage Direction	Unidirectional / Bidirectional
Mechanism	Servo speed gate mechanism
Power-failure or Fail-Safe Operation	Fail safe status for free passage mode
Fire Alarm Integration	Supported to provide free passage for evacuation
Motor Type	Brushless servo motor
Motor Rating	100 W, 40:1 gear ratio
Service Life	>15 million operation cycles
Control System	Servo control board, driver board, and logic board
Communication Interface	Relay Input (NO/NC/COMM) Optional RS232/RS485
Door Panel Thickness	10 mm
Operating Voltage	DC 24V
Power Supply Voltage	AC100V~240V
Power Consumption	150W
IP Rating	IP44
Working Temperature	-25°C~+70°C
Relative Humidity	≤90% no condensation
Chassis Material	2.0 mm powder-coated cold-rolled steel
Dimension	1800 x 210 x 1020 mm
Net Weight	120kg single core 140kg double core
Certifications	CE, FCC, ROHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image & weights, measurements are approximate and may vary.

DIMENSION:

Unit: mm



DUAL LANE VIEW:



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