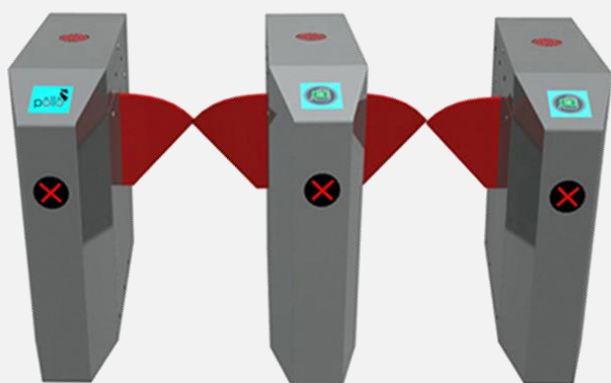




PLG-5112

Flap Barrier Gate



Pollo Pty Ltd.

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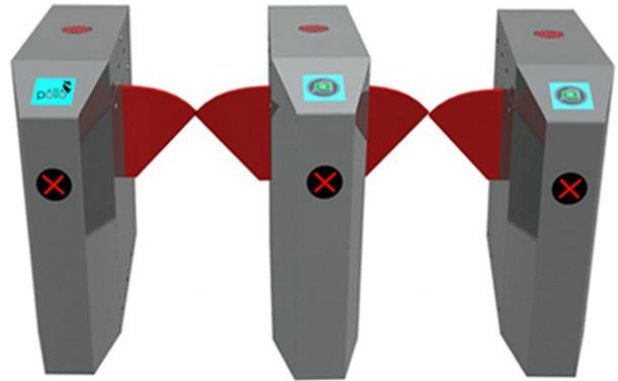
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PLG-5112

Flap Barrier Gate



1. Features

- ✔ The product is reliable, durable, produces low noise and operates in a stable fashion.
- ✔ Gate opens automatically when powered off or in the case of an emergency situation as fire.
- ✔ The wing gate installed has infrared sensor interfaces. These can be expanded to Infrared testing function.
- ✔ The product comes with a self-checking feature. In case of a breakdown, it has an alarm indication feature that makes it easy for maintenance and use.
- ✔ The passage in both directions is electronically controlled.
- ✔ The gate comes with motor, brake and encoder that are brushless. This enables the gate to consume less power and work producing little to no noise.
- ✔ The gate comes with unidirectional and bidirectional arrow display feature.
- ✔ The gate comes with an automatic feature of intelligent adjustment. The arm will adjust the swing frequency when no individual passes through the gate for a long time.
- ✔ The gate has anti-pinch, bump and strike functionalities. With pairs of photocells, the flap barrier gate can detect entry and retract to prevent bump, pinch or strike. The arm will recover after even after a strong impact.
- ✔ The flap gate prevents unauthorized entry and generates an alarm over such an incidence. This includes illegal trespassing, intrusion, tailgating, and passback etc.
- ✔ The device also has fail-safe capabilities. In the case of an emergency, the device will automatically cut off its power and open for free passage without verification.
- ✔ The flap gate is fully compatible with access control systems like coin, RFID, barcode, biometric and code etc.

- ❖ The gate comes with pedestrian counting system function as well.
- ❖ The flap gate is easy to install and maintain.
- ❖ The gate is dustproof and waterproof and can work efficiently under harsh environments.

2. Specifications:

Model	PLG-5112 Flap Barrier Gate
Size (mm)	1200 * 280 * 1000
Net Weight (Kg)	70.00 kg (Single Machine Core)
	90.00 kg (Dual Machine Core)
Materials	304 Stainless Steel, 1.5 mm Thickness
Power Supply	AC 100 – 240 V, 50/60 Hz
Working Voltage	DC 24 V
Arm Material	Tempered Glass/Acrylic/Rubber
Pass Width	<=600 mm
Driver	Brushless (Motor/Encoder/Brake)
Noise	<50 dB
Communication Interface	RS485, Distance <= 1200 m
Control I/O	±12 V Electronic Level Signal or DC 12 V Pulse Signal >= 100 mps
Operating Time	0.8 s
Passing Speed	35 - 40 Person/Minute
Passing Direction	Unidirectional or Bidirectional
Cards Reading	IC/ID
Access Control	ID Tag, Coin, Biometric, Barcode, QR Code, etc.
MCBF	5,000,000 Cycles
Photocell	3 Pairs
Protection Level	IP54
Working Temperature	-15°C - 50°C
Working Environment	Indoor, Outdoor (Better with Shelter)
Arm Length	≤28 cm
Housing Material	SUS (304#), Thickness is no Less Than 1.5 mm
Working Voltage	AC 220 V ± 10%, 50 Hz ± 10%