

Flap Barrier

Compact | Future-Ready

This flap barrier integrates seamlessly with access control systems to intelligently manage entry and exit.

Stops Tailgating Without Slowing People Down
Designed to allow only one authorised person at a time

Built for High-Traffic Environments
Handles continuous daily movement with consistent performance and low wear



Safety Comes Standard
Automatic barrier drop during emergencies ensures compliance and peace of mind

Future-Ready Authentication Options
Supports cards, face recognition, fingerprint, and QR-based access

Key Features



Intelligent Access Enforcement

Detects unauthorised entry or exit and responds instantly



Flexible Passage Modes

Detects unauthorised entry or exit and responds instantly



Bi-Directional Flow Control

Detects unauthorised entry or exit and responds instantly



Clear Visual Guidance

Detects unauthorised entry or exit and responds instantly



Emergency-Ready Design

Barriers automatically drop during fire alarms for safe evacuation



Timed Access Validation

Cancels access if a user doesn't pass within the permitted time window



Easy System Integration

Connects effortlessly with third-party software via ISAPI protocol



Offline Config Support

On-device key buttons allow setup even without network access

Flap Barrier Specifications

MCBF & Motor	≥ 3 million times, NA
Memory and Display	2GB LPDDR + 16GB eMMC 5.5" (1280 × 720) LCD, capacitive multi-touch screen
Card Slots	TF-Card Max support 64GB TF-card
Printer	Print speed: >80mm/sec, Paper roll: 58 mm width, diameter 40 mm
Battery	Coin Battery, 3.8v,5000mAh (7.6V/2500mAh)
Camera	Rear: 8M AF with Flash Support Scanner 1D&2D code & QR Code Front: 2MP FF
Wired network	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Card & Event Capacity	500,000
Peripheral Ports	USB2.0 OTG, Type-C x 1
Authentication Card type	EM/M1/Desfire/Felica
Communications	4G (FDD-LTE / TD-LTE) + 3G (WCDMA / TD-SCDMA) + 2G (GSM / GPRS), WiFi 2.4GHz / 5GHz (802.11 a/b/g/n), Bluetooth 4.2 BLE
Location	GPS/A-GPS, GLONASS, Beidou, Galileo
Power supply for face recognition module	Supplied for“Pg”type
Power Adapter & Consumption	100 to 240 VAC; 50 to 60 Hz 45 W (stand by)
Lane width	550mm
Keyfob	Not supplied; Need to order separately
Access controller	Supplied
Barrier material	SUS304 stainless steel pipe
Pedestal material	SUS304 stainless steel thickness 1.5 mm (0.06")
Switching power supply	100 to 240 VAC; 50 to 60 Hz

Flap Barrier Specifications

Communication protocol	ISAPI
Weight	Without package: 45 kg (99.2 lb) With package: 69 kg (152.1 lb)
Approval	CE/CE-LVD/CB/RoHS/REACH/WEEE
Protective level	IPX4
Physical	1208mm (L) × 232mm (W) × 960mm (H)
Working temperature	Switching power supply: -20 °C to 65 °C (-4 °F to 149 °F) Power adapter: -10 °C to 45 °C (14 °F to 113 °F) Working humidity: 0% to 95% (No condensing)
Power	Switching power supply: 100 to 240 VAC; 50 to 60 Hz Power adapter: 100 to 240 VAC; 50 to 60 Hz Power consumption: 45 W (stand by)
Throughput	More than 35 persons per minute. The actual throughput is affected by the person passing rate and passing method.
Dimensions	Without package: 232 mm × 960 mm × 1208 mm (9.1" × 37.8" × 47.6") With package: 390 mm × 1185 mm × 1320 mm (15.4" × 46.7" × 52.0")
Certifications	CE/CE-LVD/CB/RoHS/REACH/WEEE; IPX4



ISO 9001:2015
ISO 14001:2015
ISO 27001:2018

Manufactured by:

Access Computech Ltd,
504/6, GIDC Industrial Estate,
Makarpura, Vadodara, Gujarat,
INDIA. PIN: 390 010

Contact:

+91 - 265 - 311 4000 /
+91 - 265 - 6110 900
support@acpl.ind.in