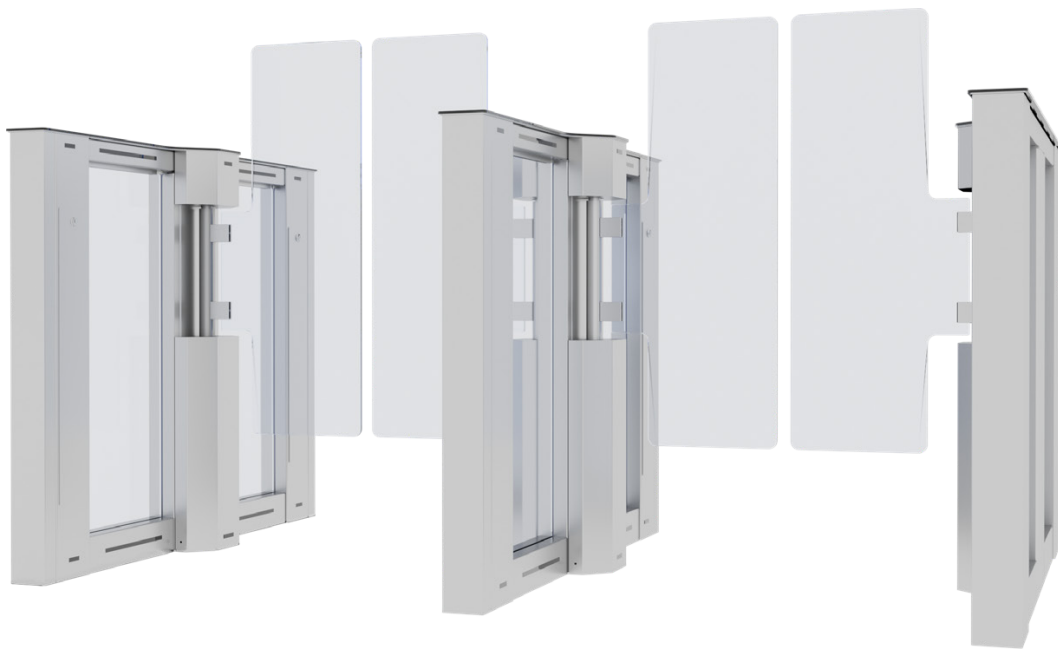




IA FlowLane EDGE

SPEED GATES - OPTICAL TURNSTILES

Square-end cabinets for indoor pedestrian access.
Two passage widths. Two glass variants.



650 mm

25.6 in passage width

900 mm

35.4 in passage width

LG / HG

Low / high glass

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Product brochure · English · 2026

PRODUCT RANGE

A width for each route.

FlowLane EDGE combines square-end cabinets with two passage widths for indoor pedestrian access.



FlowLane EDGE 26

STANDARD LANE**650 mm / 25.6 in**

LG and HG glass variants
Left, centre and right cabinets



FlowLane EDGE 36

WIDE LANE**900 mm / 35.4 in**

LG and HG glass variants
Left, centre and right cabinets

CONTINUOUS INDOOR OPERATION

For secured areas with high pedestrian traffic. The 26 and 36 identifiers are nominal model designations; actual passage widths are 650 mm / 25.6 in and 900 mm / 35.4 in.

TYPICAL APPLICATIONS

Airports and seaports; ticket checkpoints; authorized personnel access; government and protected buildings; sports and entertainment venues; workplace access control and time & attendance.

FEATURES & APPLICATIONS

Control every passage.

Operating functions support access authorization, direction signalling and incident detection.

01

EASY SETUP

Configure operating modes and functions through the control panel.

02

LED PICTOGRAMS

A green arrow identifies an enabled direction. A red cross indicates a disabled or locked direction.

03

AUDIO ALERTS

Alerts indicate irregular passage attempts by two people in the same or opposite directions, or unauthorized objects.

04

POWER-FAILURE RELEASE

The device remains unlocked in the event of a power failure.

05

SENSOR SYSTEM

Sensor signals are analysed to detect unauthorized entry and attempts by two people to pass on one authorization.

06

OBSTACLE DETECTION

Overload protection stops the wings and triggers an audio alarm. A subsequent control signal is required to resume movement.

APPLICATION SCOPE

Designed for indoor access-control installations. Power-failure unlocking is not a statement of certified emergency-exit compliance.

CABINETS & GLASS VARIANTS

Specify the arrangement.

FlowLane EDGE is available with low and high glass, in left, centre and right cabinet configurations.

LG / LOW GLASS

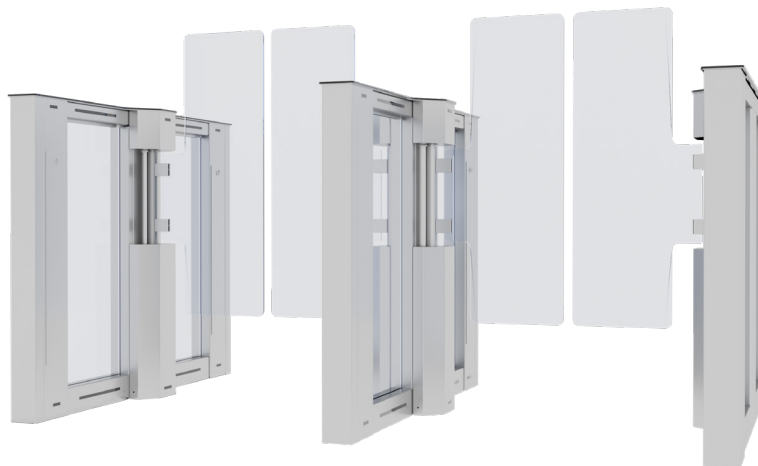


L / LEFT

C / CENTRE

R / RIGHT

HG / HIGH GLASS



L / LEFT

C / CENTRE

R / RIGHT

CABINET ELEMENTS

Pictograms · Sensor system · Glass infill panel · Handrail · Glass wing · Housing

TECHNICAL DATA

FlowLane EDGE 26

Passage width: 650 mm / 25.6 in | LG and HG variants



LG / LOW GLASS



HG / HIGH GLASS

Parameter	L cabinet	C cabinet	R cabinet
Supply voltage*	24 V DC	24 V DC	24 V DC
Maximum power consumption	90 W	90 W	90 W
Minimum power consumption	30 W	30 W	30 W
Inrush / starting current	4 A	4 A	4 A
Net weight - LG	80 kg / 176 lb	97 kg / 214 lb	80 kg / 176 lb
Net weight - HG	90 kg / 198 lb	100 kg / 220 lb	90 kg / 198 lb

Common specification	Value
Operating / storage temperature	0 to +50°C / 32 to 122°F -30 to +60°C / -22 to 140°F
Protection / maximum humidity	IP40 / 85%
Wing opening/closing time	Approximately 1 s
Housing / wing	AISI 304 stainless steel Tempered glass, 8 mm / 0.31 in

* AC/DC power supply unit not included. Weights depend on configuration.
Cabinet naming: IA FlowLane-EDGE-L-26-LG / C-26/26-LG / R-26-LG.
Use HG in place of LG for the high-glass variant.

TECHNICAL DATA

FlowLane EDGE 36

Passage width: 900 mm / 35.4 in | LG and HG variants



LG / LOW GLASS



HG / HIGH GLASS

Parameter	L cabinet	C cabinet	R cabinet
Supply voltage*	24 V DC	24 V DC	24 V DC
Maximum power consumption	90 W	90 W	90 W
Minimum power consumption	30 W	30 W	30 W
Inrush / starting current	4 A	4 A	4 A
Net weight - LG	85 kg / 187 lb	100 kg / 220 lb	85 kg / 187 lb
Net weight - HG	90 kg / 198 lb	115 kg / 254 lb	90 kg / 198 lb

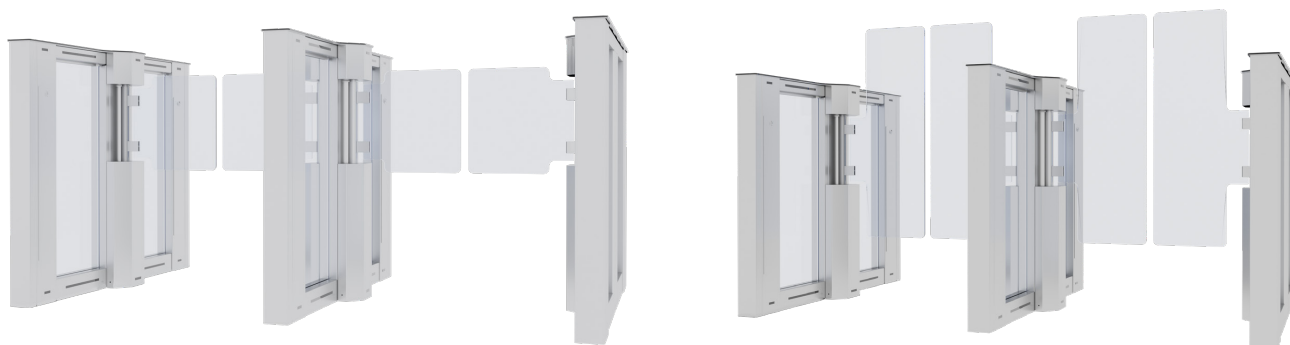
Common specification	Value
Operating / storage temperature	0 to +50°C / 32 to 122°F -30 to +60°C / -22 to 140°F
Protection / maximum humidity	IP40 / 85%
Wing opening/closing time	Approximately 1 s
Housing / wing	AISI 304 stainless steel Tempered glass, 8 mm / 0.31 in

* AC/DC power supply unit not included. Weights depend on configuration.
Cabinet naming: IA FlowLane-EDGE-L-36-LG / C-36/36-LG / R-36-LG.
Use HG in place of LG for the high-glass variant.

TECHNICAL DATA

Mixed-width centre cabinets.

FlowLane EDGE 26/36 and 36/26 | 650 mm / 25.6 in and 900 mm / 35.4 in passages



LG / LOW GLASS

HG / HIGH GLASS

Parameter	C-26/36	C-36/26
Supply voltage*	24 V DC	24 V DC
Maximum power consumption	90 W	90 W
Minimum power consumption	30 W	30 W
Inrush / starting current	4 A	4 A
Net weight - LG	97 kg / 214 lb	97 kg / 214 lb
Net weight - HG	107 kg / 236 lb	107 kg / 236 lb

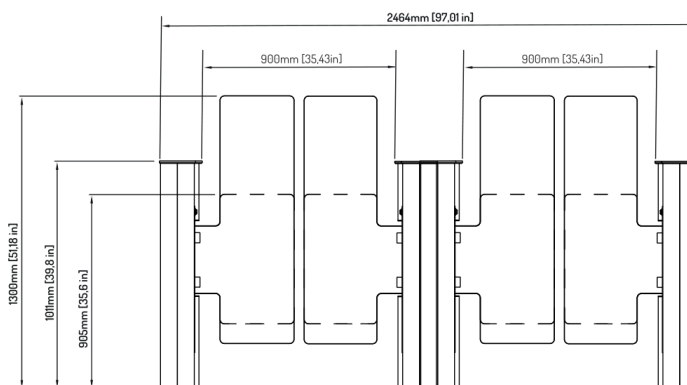
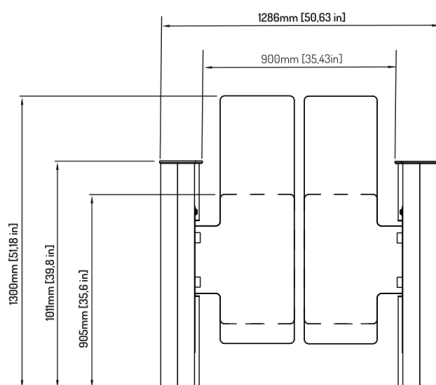
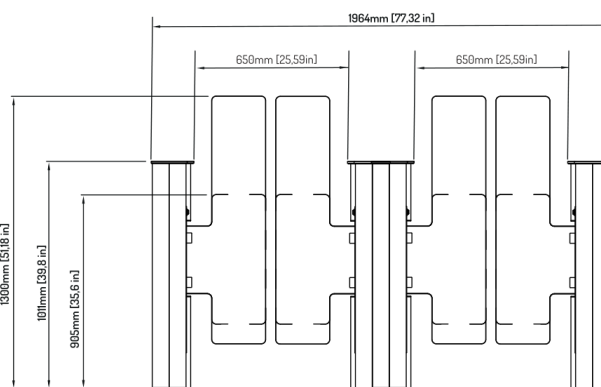
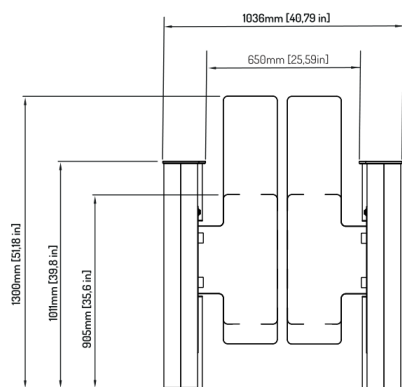
Common specification	Value
Operating / storage temperature	0 to +50°C / 32 to 122°F -30 to +60°C / -22 to 140°F
Protection / maximum humidity	IP40 / 85%
Wing opening/closing time	Approximately 1 s
Housing / wing	AISI 304 stainless steel Tempered glass, 8 mm / 0.31 in

* AC/DC power supply unit not included. Weights depend on configuration.
Cabinet naming: IA FlowLane-EDGE-C-26/36-LG or IA FlowLane-EDGE-C-36/26-LG.
Use HG for high glass. Confirm orientation in the project layout.

DIMENSIONS / FRONT ELEVATION

Passage widths.

Single-lane and two-lane arrangements. Main cabinet height: 1011 mm / 39.8 in.



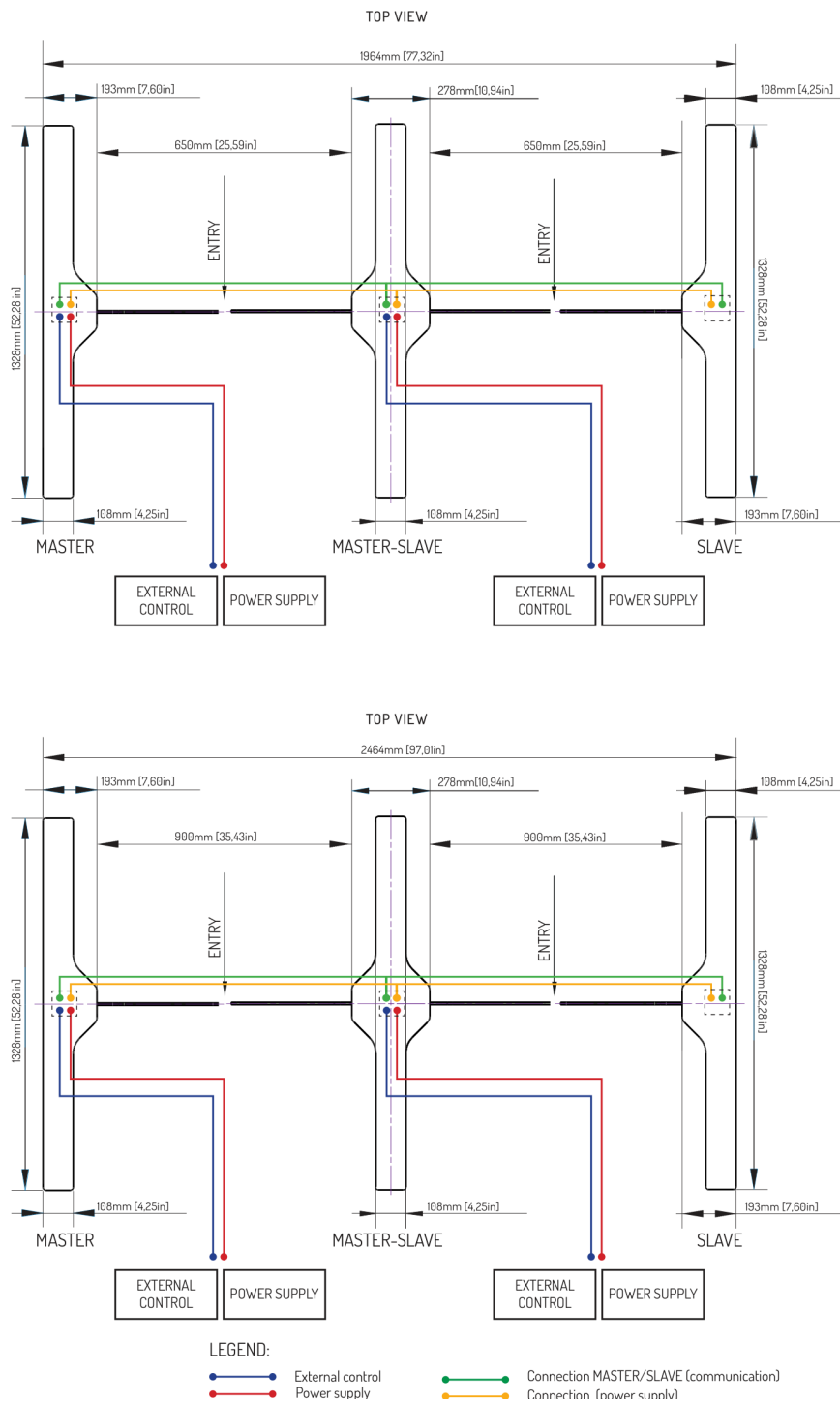
Reference	EDGE 26	EDGE 36
Passage width	650 mm / 25.6 in	900 mm / 35.4 in
Single-lane overall width	1036 mm / 40.8 in	1286 mm / 50.6 in
Two-lane overall width	1964 mm / 77.3 in	2464 mm / 97.0 in

LG upper level: 905 mm / 35.6 in. HG upper level: 1300 mm / 51.2 in. Do not scale drawings.

DIMENSIONS / PLAN VIEW

Cabinet depth.

Cabinet depth: 1328 mm / 52.3 in. Matching-width two-lane layouts are shown.



End-cabinet reference: 193 mm / 7.60 in. Centre width at passage: 278 mm / 10.94 in.
Narrow body: 108 mm / 4.25 in. Two-lane overall widths: 1964 mm / 77.3 in or 2464 mm / 97.0 in.

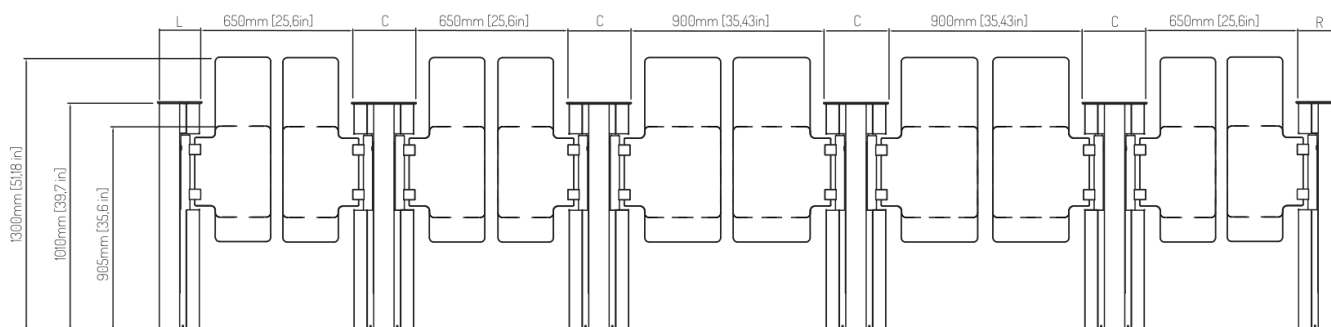
SAMPLE CONFIGURATIONS

From one lane to an array.

Matching-width and mixed-width passages use left, centre and right cabinets.

Arrangement	Cabinets / passage widths
Single lane	L + R; 650 mm / 25.6 in or 900 mm / 35.4 in
Two matching lanes	L + C + R; two 650 mm lanes or two 900 mm lanes
Five-lane example	L + C + C + C + C + R; mixed-width centre cabinets

FIVE LANES / HG / MIXED WIDTHS



Passage sequence: 650 / 650 / 900 / 900 / 650 mm

Imperial: 25.6 / 25.6 / 35.4 / 35.4 / 25.6 in

Cabinets, left to right: L-26-HG, C-26/26-HG, C-26/36-HG, C-36/36-HG, C-36/26-HG, R-26-HG. Prefix each designation with IA FlowLane-EDGE-.

HEIGHT QUALIFICATION

The five-lane example labels cabinet height as 1010 mm / 39.8 in, while the main drawings state 1011 mm / 39.8 in. Resolve this 1 mm difference in the installation drawing.

INTEGRATION & AVAILABLE OPTIONS

Plan the installation.

Specify passage width, glass height and cabinet orientation for the required access-control layout.

Selection	Available configuration
Model / passage	EDGE 26: 650 mm / 25.6 in EDGE 36: 900 mm / 35.4 in
Glass variant	LG: 905 mm / 35.6 in upper level HG: 1300 mm / 51.2 in upper level
End cabinets	Left and right; 26 or 36; LG or HG
Centre cabinets	26/26, 36/36, 26/36 and 36/26; LG or HG
Power supply	24 V DC; AC/DC power supply unit not included
Control connections	External control and power connections; master, master-slave and slave cabinet roles
Inter-cabinet connections	Communication and power links shown in the installation diagrams
Operating configuration	Modes and functions configured via the control panel

CONFIRM BEFORE ORDERING

Confirm cabinet orientation, interface requirements, power-supply sizing, cable routing and fixing details. No specific communication protocol or reader interface is established by the technical data.

DIMENSIONS & COMPLIANCE

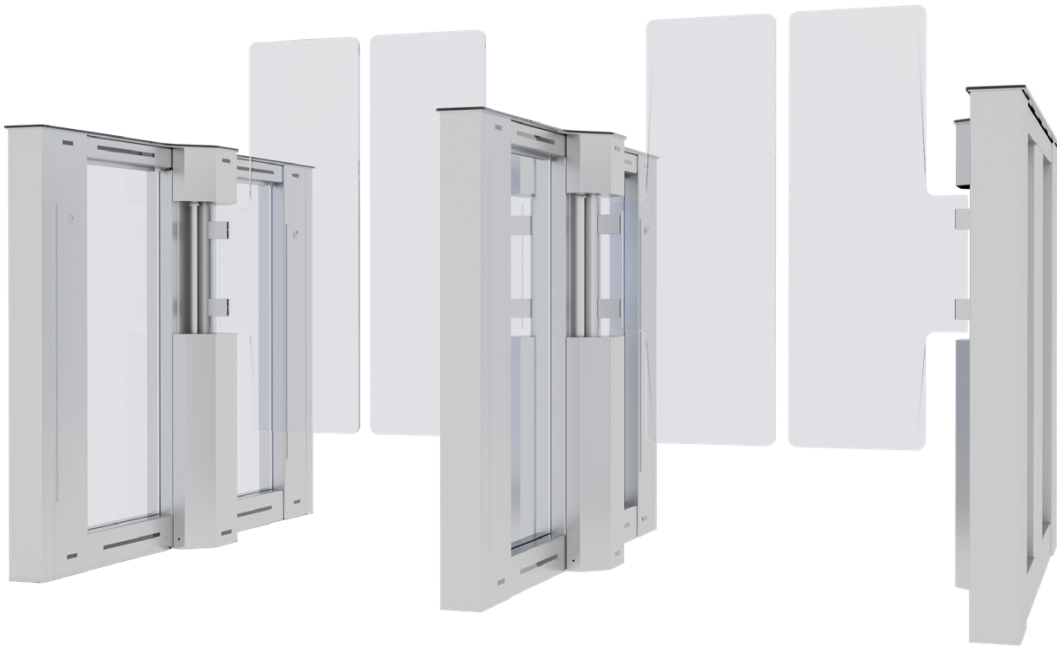
Use the stated metric dimensions with rounded imperial equivalents. Resolve the 1010/1011 mm height discrepancy before installation. Wide-lane naming does not imply accessibility certification.



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Two passage widths. Two glass variants.



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MADE IN EUROPEAN UNION

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Illustrations show example configurations and may differ from final equipment. Model availability, construction and equipment may change. Confirm the final specification before ordering. This brochure is for information only and does not constitute an offer. Dimensions are stated in metric units with rounded imperial equivalents.