

MODi

VISION FOR IDENTIFICATION



MODi - BIOMETRIC GATES

TECHNICAL DATA

www.modivision.net

MODI VISION GATES

MODI's Vision Gates are optimized for fastest biometric face recognition entrance control. The name **Vision Gates** was chosen based on the perfect and unique combination between the internal components and processes of gates biometrics.

The **Vision Gates** combination with biometric identification makes the user to experience the fastest passing process with the highest security level. **Vision Gates** use MODI's special intelligent biometric client together with the face capture unit that consists of different cameras, light beamer, different lighting flashes, tilting router and digital input / output channels for the fastest direct gate control.

The face capture unit technology gives a 3D field of view for the client face with cutting-edge feature, this guarantees only the first person in the queue or the nearest one at a time can pass the **Vision Gate** by providing highly secure facial recognition. As a result, any operating staff or supervising nearby becomes unnecessary.

MODI Vision offers the customer to select a biometric gate equipped exclusively with face recognition. However, the gate is also available with an integrated RFID, document reader, bar-code identification system or passport reader.

FEATURES AND ADVANTAGES OF THE MODI VISION GATES

1. Optimized short gates with a seamless „Face on the move“ access.
2. Highest throughput of people because of a biometric identification within less than 100ms in combination with a special closed loop direct gate control.
3. IR detection matrix provides unsurpassed tailgate detection and deterrence; tailgaters are detected following as close as 5 mm behind authorized users.
4. Gates in different designs and colors.
5. Designs in different length are possible even with two doors and mantrap.
6. All MODI biometric face capture products can be combined with the different Vision Gates.
7. Self-check and alarm for convenient to operate.
8. IR detection matrix provides unsurpassed tailgate detection and deterrence; tailgaters are detected following as close as 5 mm behind authorized users.
9. Gates can be installed in several ways to allow for wheelchair access to make the installation compliant with the UK Disabilities and Discrimination Act (DDA) as well as most similar international standards.
10. Durable quality
11. Low-maintenance mechanism

Applications:

Airports, Hotels, Casinos, Hospitals, Banks, Factories, Shopping Malls, Hyper Markets, Sport clubs, Ports, Universities, Companies, Arcades, Schools, Cinemas, Stadiums, etc.



VISION GATE S1

GAT 5204 180 10 101

Compact optical swinging glass panels.
100 cm long round fronts cabinet.
Uni- or bi-directional.

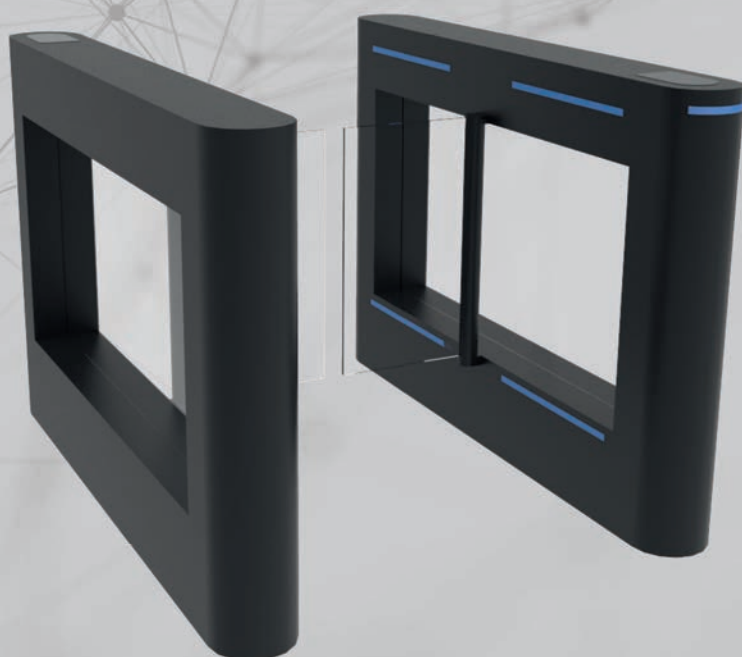
It is suitable for areas with high traffic. The slim gate is a perfect fit when space is at a premium such as small entrances or corridors. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). Wheelchair or big luggage can pass through the gate, the max lane width up to 90cm.

This gate combine tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate S1 is a universal access control solution with high throughput capacity and compact design enabling effective management of intense pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	100*10*100 cm
Passage width	60 - 90cm
Sensor	8 pairs
Operating time	3s including biometric process
Passing speed	20 person/min
MCBF	more than 10,000,000 cycle (failure free)
Housing material	304 stainless steel with hairline finish
Thickness	2mm
Protection grade	IP 66
Relative humidity	5%- 95% (no condensation)
Working voltage	AC220V ±10%, 50Hz ±4%
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-15 - +70
Temperature rise of motor	T 15
Environment	indoor and outdoor (shelter)
Noise	less than 50db



VISION GATE S2

GAT 5204 180 10 102

Single gate security optical with swinging glass barrier panels.
Rounded Fronts. Uni- or bi-directional. LED operating status indicator.

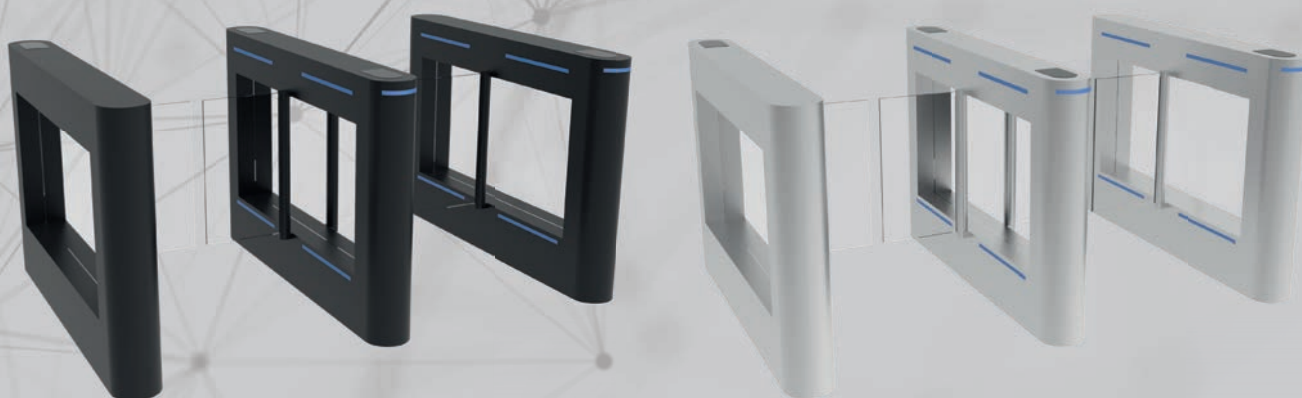
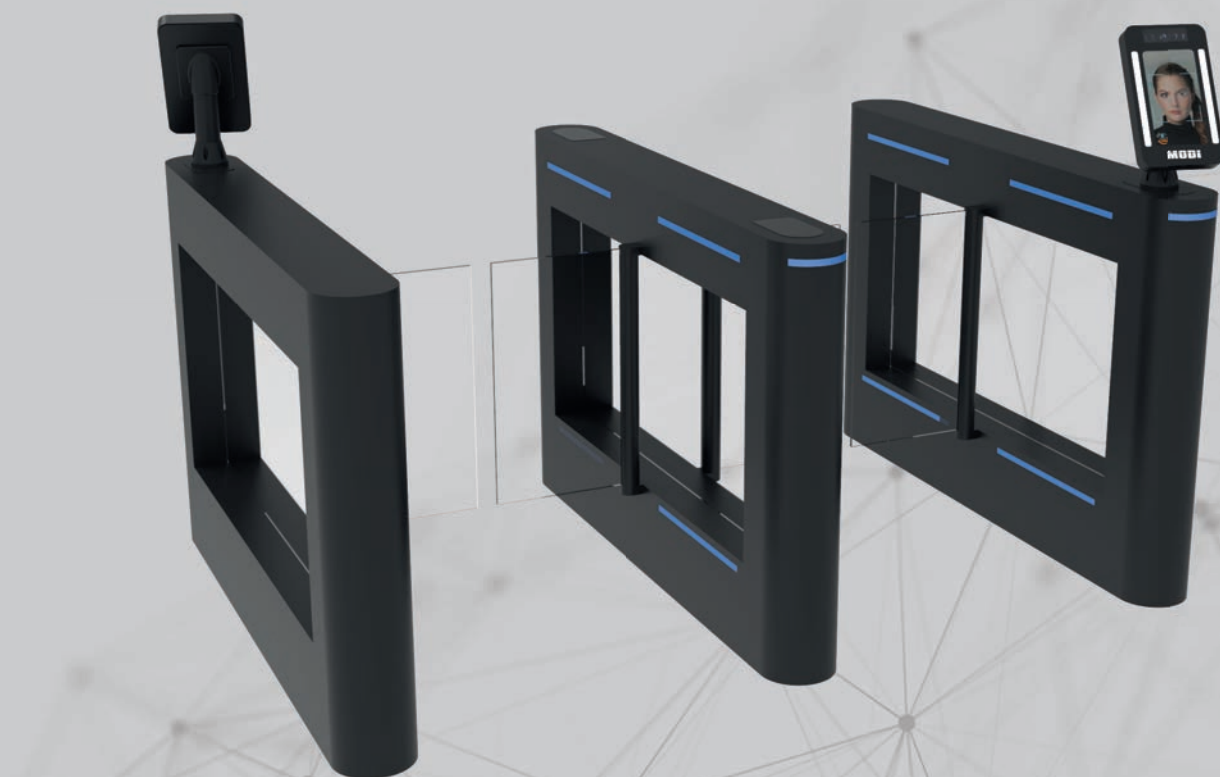
It is suitable for areas with high traffic. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). Wheelchair or big luggage can pass through the gate, the max lane width up to 90cm.

This gate combine tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate S2 is a universal access control solution with high throughput capacity enabling effective management of pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	150*10*100cm
Passage width	60 - 90cm
Sensor	6 pairs
Operating time	0.2s
Passing speed	40 - 60 person/min
MCBF	more than 10,000,000 cycle (failure free)
Housing material	304 stainless steel with hairline finish
Thickness	2mm
Protection grade	IP 66
Relative humidity	5%- 95% (no condensation)
Working voltage	AC220V $\pm 10\%$, 50Hz $\pm 4\%$
Driving motor	DC Brushless motor (24V, 5A)
Operating temperature	-15 - +70
Temperature rise of motor	T 15
Environment	indoor and outdoor (shelter)
Noise	less than 50db



VISION GATE S3

GAT 5204 180 10 103

Tandem gate Security optical with swinging glass barrier panels.
Rounded Fronts. LED operating status indicator.

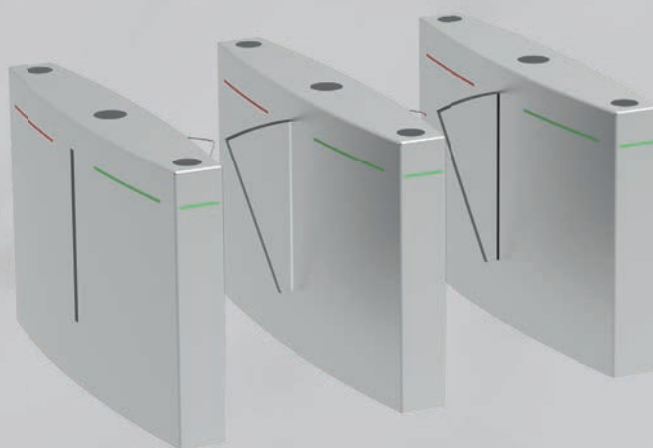
It is suitable for areas with high traffic. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). Wheelchair or big luggage can pass through the gate, the max lane width up to 90cm.

This gate combine tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate S3 is a universal access control solution with high throughput capacity enabling effective management of pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	150*18*100cm
Passage width	60 - 90cm
Sensor	12 pairs each direction
Operating time	4s including biometric process
Passing speed	15 person/min
MCBF	more than 10,000,000 cycle (failure free)
Housing material	304 stainless steel with hairline finish
Thickness	2mm
Protection grade	IP 66
Relative humidity	5%- 95% (no condensation)
Working voltage	AC220V ±10%, 50Hz ±4%
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-15 - +70
Temperature rise of motor	T 15
Environment	indoor and outdoor (shelter)
Noise	less than 50db



VISION GATE S4

GAT 5204 180 10 104

Automatic Tandem flap barrier optical with angle-wing shaped tempered glass barriers. LED operating status indicator.

It is suitable for areas with high traffic. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). Wheelchair or big luggage can pass through the gate, the max lane width up to 90cm.

This gate combines tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate S4 is a universal access control solution with high throughput capacity enabling effective management of pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	140*30*105cm
Passage width	60 - 90cm
Sensor	12 pairs each direction
Operating time	4s including biometric process
Passing speed	15 person/min
MCBF	more than 5,000,000 cycle (failure free)
Housing material	304 stainless steel with hairline finish
Thickness	1.5 mm
Protection grade	IP 44
Relative humidity	5%- 95% (no condensation)
Working voltage	AC220V ±10%, 50Hz ±4%
Driving motor	DC Brushless motor (24V, 5A)
Operating temperature	-15 - +70
Temperature rise of motor	T 15
Environment	indoor and outdoor (shelter)
Noise	less than 50db



VISION GATE S5

GAT 5204 180 10 105

Fully-automatic low height tripod turnstile single leg base.

It is suitable for areas with high traffic. Tripod turnstiles are compact and cost-effective entrance solutions. Vision Gate S5 is a perfect fit when space is at a premium such as small entrances or corridors.

It can be integrated with any kind of access controller system (RFID device, document reader and biometric device).

The design of a turnstile tripod provides a visible fixed barrier of three stainless steel bars located at the angle of 120° which rotate on an inclined axis. In the event of an emergency the panic mode drops the bars, allowing unhindered free access in both directions.

The Vision Gate S5 is a universal access control solution with high throughput capacity and compact design enabling effective management of even intense pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	33*20*100cm
Passage width	55 cm
MCBF	more than 5,000,000 cycle (failure free)

Housing material	304 stainless steel with hairline finish
Thickness	1.5 mm

Protection grade	IP 44
Relative humidity	5%- 95% (no condensation)

Working voltage	AC220V ±10%, 50Hz ±4%
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-15 - +70
Temperature rise of motor	T 15

Environment	indoor and outdoor (shelter)
Noise	less than 50db



VISION GATES M1 AND M2

GAT 5204 180 10 201 | GAT 5204 180 10 202

Fully-automatic, low height tripod turnstile full frame base. Uni- or bi-directional. LED operating status indicator. Available in different colors.

Vision Gate M1 and M2 are compact and cost-effective entrance solutions. Tripod turnstile gate is a perfect fit when space is at a premium such as small entrances or corridors. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device).

The design of a turnstile tripod provides a visible fixed barrier of three stainless steel bars located at the angle of 120° which rotate on an inclined axis. In the event of an emergency the panic mode drops the bars, allowing unhindered free access in both directions.

Offers an elegant and compact solution for entrance ways at sites where interior aesthetics is high priority.

Security level: High in combination with biometrics.

Dimensions	M1: 130*29*105cm Long - M2: 73*29*105cm Short
Passage width	51.5cm
MCBF	more than 10,000,000 cycle (failure free)

Housing material	Polyurethane
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Protection grade	IP 54
Relative humidity	5%- 95% (no condensation)

Working voltage	AC 100 - 240V ±10%, 50Hz ±4%
Operating temperature	-30 - +55
Temperature rise of motor	T 15

Environment	indoor and outdoor
Noise	less than 50db



VISION GATE M3

GAT 5204 180 10 203

General description: Secure optical with swinging barrier panel. Uni- or bi-directional. LED operating status indicator. Available in different colors.

It is suitable for areas with high traffic. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). Wheelchair or big luggage can pass through the gate, the max lane width up to 90cm.

Offers an elegant and compact solution for entrance ways with high flow at sites where interior aesthetics and security are high priorities.

This gate combine tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate M3 is a universal access control solution with high throughput capacity and elegant design enabling effective management of pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	130*18*105cm
Passage width	60 - 90cm
Operation time	4s including biometric process
Passing speed	15 person/min
MCBF	more than 10,000,000 cycle (failure free)
Housing material	Polyurethane
Protection grade	IP 54
Relative humidity	5%- 95% (no condensation)
Working voltage	AC 100 - 240V $\pm 10\%$, 50Hz $\pm 4\%$
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-30 - +55
Temperature rise of motor	T 15
Environment	indoor and outdoor
Noise	less than 50db



VISION GATE V1

GAT 5204 180 10 301

Security optical with two swinging glass barrier panels. Round Fronts. It has two doors for high security checks. LED operating status indicator.

It is suitable for areas with high security checks. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). Wheelchair or big luggage can pass through the gate, the max lane width up to 90cm.

This gate combine tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate V1 is a universal access control solution with high throughput capacity enabling effective management of pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	Length of gate is flexible based on the user needs *8*100cm
Passage width	60cm
Sensor	12 pairs
Operating time	depending on the length of the gate
MCBF	more than 10,000,000 cycle (failure free)
Housing material	304 stainless steel with hairline finish
Thickness	2mm
Protection grade	IP 66
Relative humidity	5%- 95% (no condensation)
Working voltage	AC220V $\pm 10\%$, 50Hz $\pm 4\%$
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-15 - +70
Temperature rise of motor	T 15
Environment	indoor and outdoor (shelter)
Noise	less than 50db
Warranty	3 years



VISION GATE V2

GAT 5204 180 10 302

Slim optical swinging glass panels. 133 cm long square fronts cabinet. LED operating status indicator.

It is suitable for areas with high traffic. The slim gate is a perfect fit when space is at a premium such as small entrances or corridors. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device).

Wheelchair or big luggage can pass through the gate, the max lane width up to 90cm. This gate combine tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate V2 is a universal access control solution with high throughput capacity and compact design enabling effective management of intense pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	60*8*100cm
Passage width	60cm
Sensor	4 pairs
Operating time	2s including biometric process
Passing speed	30 person/min
MCBF	more than 10,000,000 cycle (failure free)
Housing material	304 stainless steel with hairline finish
Thickness	2mm
Protection grade	IP 66
Relative humidity	5%- 95% (no condensation)
Working voltage	AC220V $\pm 10\%$, 50Hz $\pm 4\%$
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-15 - +70
Temperature rise of motor	T 15
Environment	indoor and outdoor (shelter)
Noise	less than 50db



VISION GATE W1

GAT 5204 180 10 401

Security optical with tall swinging glass barrier panels. Square Fronts. Uni- or bi-directional. LED operating status indicator. Different authorization based on security levels (Zoning).

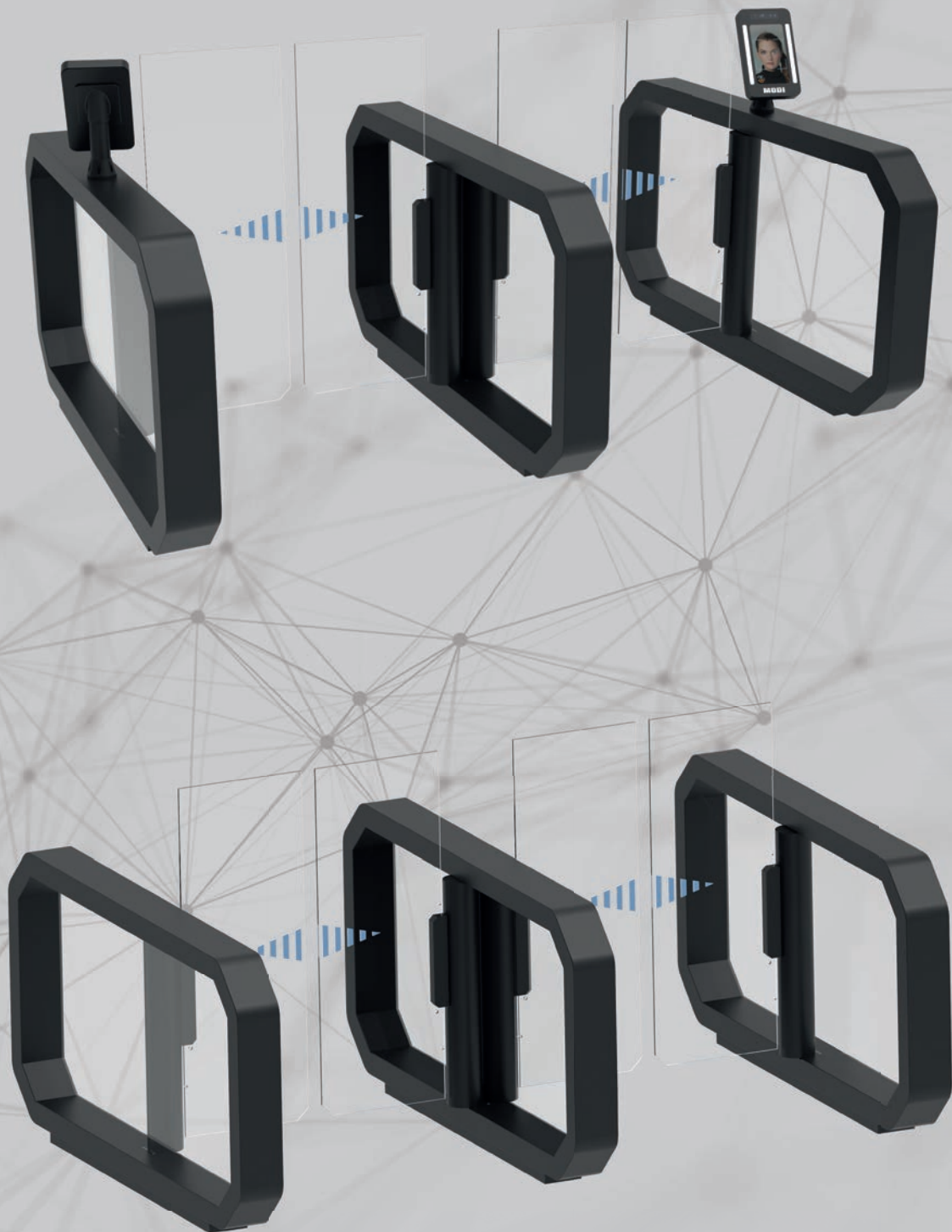
It is suitable for areas with high traffic. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). This gate was designed for places that requires wide passage access control, it is for wheelchair or big luggage, the max lane width up to 127.5cm.

This gate combines tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate W1 is a universal access control solution with high throughput capacity enabling effective management of pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	57.5-127.5cm
Sensor	3 pairs
Operating time	4s including biometric process
Passing speed	15 person/min
MCBF	more than 5,000,000 cycle (failure free)
Housing material	Stainless steel side frame and cover plates
Thickness	1.8 mm
Protection grade	IP 20
Relative humidity	5%- 95% (no condensation)
Working voltage	AC 100 - 240V, 50Hz±4%
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-5 - +50
Temperature rise of motor	T 15
Environment	indoor
Noise	less than 50db



VISION GATE W2

GAT 5204 180 10 402

Tandem gate security optical with swinging glass barrier panels. Square fronts. LED operating status indicator. Different authorization based on security levels (Zoning).

It is suitable for areas with high traffic. It can be integrated with any kind of access controller system (RFID device, document reader and biometric device). This gate was designed for places that requires wide passage access control, it is for wheelchair or big luggage, the max lane width up to 127.5cm.

This gate combines tailgating prevention with rapid throughput. With infrared, anti-tailgating sensor technology built into the cabinets, they provide discreet control of the flow of people into secure areas.

The Vision Gate W2 is a universal access control solution with high throughput capacity enabling effective management of pedestrian flows.

Security level: High in combination with biometrics.

Dimensions	57.5-127.5cm
Sensor	3 pairs each direction
Operating time	4s including biometric process
Passing speed	15 person/min
MCBF	more than 5,000,000 cycle (failure free)
Housing material	Stainless steel side frame and cover plates
Thickness	1.8 mm
Protection grade	IP 20
Relative humidity	5%- 95% (no condensation)
Working voltage	AC 100 - 240V, 50Hz±4%
Driving motor	DC Brushless motor (24V,5A)
Operating temperature	-5 - +50
Temperature rise of motor	T 15
Environment	indoor
Noise	less than 50db



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