2M® TECHNOLOGY

MASK & FACE RECOGNITION HEAT DETECTION TURNSTILE GATES

REV05102021

FACE RECOGNITION AND HEAT DETECTION TURNSTILE GATES

2M's turnstile gates are equipped with our specialized face recognition access control terminals that can grant or restrict access based on set credentials for increased entry security. Our turnstiles are capable of integrating multiple authentication methods such as face recognition, temperature screening, mask detection, card readers, paper ticket scanners, fingerprint scanners, and coin dispensers. Various models and motor types are available to support any environment and foot traffic level.

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FACE RECOGNITION TEMPERATURE DETECTION ACCESS CONTROL TECHNOLOGY

Control access to buildings, offices, factories, plants and any facility by verifying persons identity with a 99% face recognition accuracy.
Does not allow access to anyone with a HIGH FEVER or WITHOUT a Mask. 2M terminal software can determine if the person passing by is wearing a mask or not. It can also read his/her temperature and determine based on configurable predefined temperature threshold if access should be granted or not.

FACE RECOGNITION ACCESS CONTROL FEATURES

Temperature Detection | Face Recognition | Cloud-Based Maintenance | Non-Contact Measurement

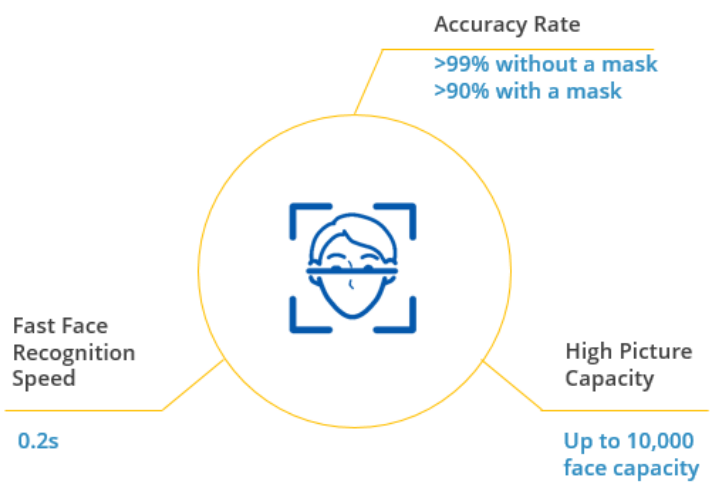
- **Fast recognition time within 0.2 seconds. Various models merge mode are used to reduce false rate and increase pass rate**
- Non-contact temperature detection
- Body temperature detection and personnel information binding
- Configurable temperature detection threshold value
- Temperature range between 30˚C to 45˚C
- Accuracy between 0.1˚C to ≤0.3˚C, distance is up to 1m
- Learning algorithm maximizes accuracy rate >99% and reduce the false rate <1%
- The dedicated learning chip, supports local off-line recognition up to a 10K face capacity, face whitelist (1N)
- WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes
- Anti-spoofing detection based on deep learning algorithm

APPLICATIONS

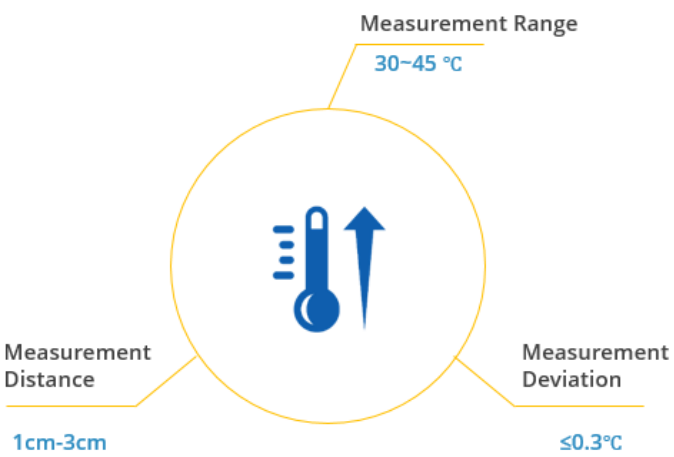
- Security
- Factories
- Hotels
- Office Buildings
- Communal Areas
- School & University Campuses
- Banks
- Hospitals
- Airports
- Railway Stations
- Subway Stations
- Bus Stations

HIGH PERFORMANCE

Face Recognition



Temperature Measurement



TRIPOD TURNSTILES

2MTT-2

Dims 16.5” x 12.9” x 39.4” (in)

Model Number	Motor Type
2MTT-2	Semi Auto
2MTT-2A	Auto
2MTT-2A-BLM	Brushless

2MTT-3

Dims 47.24” x 11” x 39.4” (in)

Model Number	Motor Type
2MTT-3	Semi Auto
2MTT-3A	Auto
2MTT-3A-BLM	Brushless

2MTT-4

Dims 47.24” x 11” x 39.4” (in)

Model Number	Motor Type
2MTT-4	Semi Auto
2MTT-4A	Auto
2MTT-4A-BLM	Brushless

2MTT-7

Dims 47.24” x 11” x 39.4” (in)

Model Number	Motor Type
2MTT-7	Semi Auto
2MTT-7A	Auto
2MTT-7A-BLM	Brushless

2MTT-8A

Dims 47.24” x 11” x 39.4” (in)

Model Number	Motor Type
2MTT-8A	Auto
2MTT-8A-BLM	Brushless

2MTT-9A

Dims 47.24” x 11” x 39.4” (in)

Model Number	Motor Type
2MTT-9A	Auto
2MTT-9A-BLM	Brushless

2MLDA-3

Dims 47.2" x 6.3" x 39.4" (in)

Model Number	Motor Type
2MLDA-3	Brush

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

SWING TURNSTILES

2MMSTP

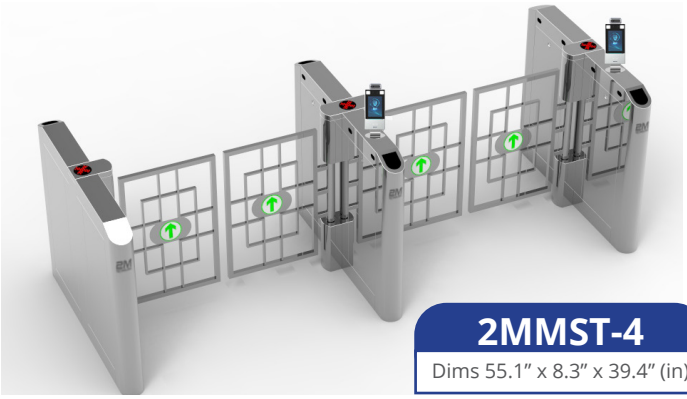
Dims Φ 6.61" x 39.4" (in)

Model Number	Motor Type
2MMSTP	Brush
	Brushless

2MMST-2

Dims 16.5" x 13" x 38.6" (in)

Model Number	Motor Type
2MMST-2	Brush
	Brushless

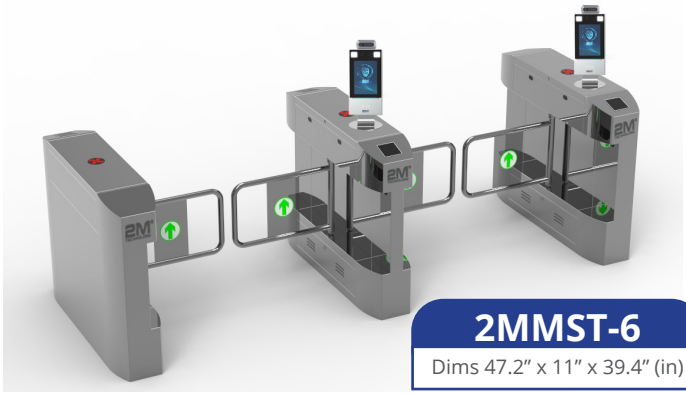


2MMST-4

Dims 55.1" x 8.3" x 39.4" (in)

Model Number	Motor Type
2MMST-4 Single Flap	Brush
	Brushless
2MMST-4D Double Sided Flaps	Brush
	Brushless

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images



2MMST-6

Dims 47.2" x 11" x 39.4" (in)

Model Number	Motor Type
2MMST-6 Single Flap	Brush
	Brushless
2MMST-6D Double Sided Flaps	Brush
	Brushless

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

GLASS SWING GATE

2MGSTP

Dims Φ 6.61" x 39.4"

Model Number	Motor Type
2MGSTP	Brush
	Brushless
	Servo

2MGST-1

Dims 55.1" x 6.9" x 39.4" (in)

Model Number	Motor Type
2MGST-1 Single Flap	Brush
	Brushless
	Servo
2MGST-1D Double Sided Flaps	Brush
	Brushless
	Servo

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MGST-2

Dims 55.1" x 10.2" x 39.4" (in)

Model Number	Motor Type
2MGST-2 Single Flap	Brush
	Brushless
	Servo
2MGST-2D Double Sided Flaps	Brush
	Brushless
	Servo

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MGST-3

Dims 55.1" x 7.9" x 39.4" (in)

Model Number	Motor Type
2MGST-3 Single Flap	Brush
	Brushless
	Servo
2MGST-3D Double Sided Flaps	Brush
	Brushless
	Servo

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MGST-4

Dims 55.1” x 7.9” x 39.4” (in)

Model Number	Motor Type
2MGST-4 Single Flap	Brush
	Brushless
	Servo
2MGST-4D Double Sided Flaps	Brush
	Brushless
	Servo

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MGST-5

Dims 55.1” x 7.9” x 39.4” (in)

Model Number	Motor Type
2MGST-5 Single Flap	Brush
	Brushless
	Servo
2MGST-5D Double Sided Flaps	Brush
	Brushless
	Servo

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MGST-6

Dims 55.1” x 7.9” x 39.4” (in)

Model Number	Motor Type
2MGST-6 Single Flap	Brush
	Brushless
	Servo
2MGST-6D Double Sided Flaps	Brush
	Brushless
	Servo

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

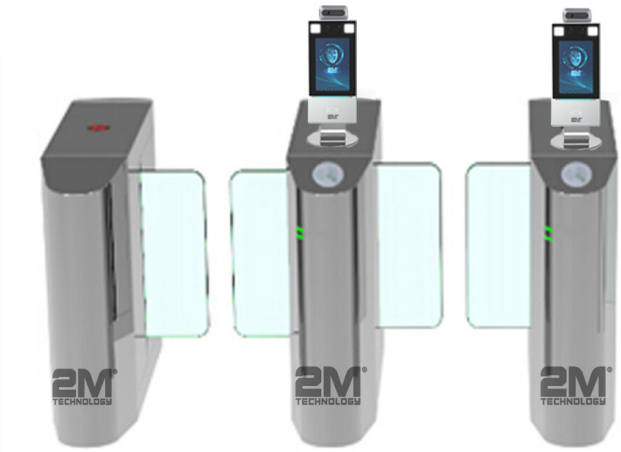
2MGST-7

Dims 55.1” x 5.5” x 39.4” (in)

Model Number	Motor Type
2MGST-7 Single Flap	Brush
	Brushless
	Servo
2MGST-7D Double Sided Flaps	Brush
	Brushless
	Servo

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

RETRACTABLE TURNSTILES



2MRST-1

Dims 55.1” x 11.8” x 39.4” (in)

Model Number	Motor Type
2MRST-1	Brush
2MRST-1-BLM	Brushless
2MRST-1	Double Sided Brush Motor
2MRST-1-BLM	Double Sided Brushless Motor

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MRST-9

Dims 55.1” x 11.8” x 39.4” (in)

Model Number	Motor Type
2MRST-9	Brush
2MRST-9-BLM	Brushless
2MRST-9D	Double Sided Brush Motor
2MRST-9D-BLM	Double Sided Brushless Motor

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MRST-5

Dims 55.1” x 11.8” x 39.4” (in)

Model Number	Motor Type
2MRST-5	Brush
2MRST-5-BLM	Brushless
2MRST-5D	Double Sided Brush Motor
2MRST-5D-BLM	Double Sided Brushless Motor

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MWT-1

Dims 55.1” x 11.8” x 39.4” (in)

Model Number	Motor Type
2MWT-1	Brush
2MWT-1-BLM	Brushless
2MWT-1D	Double Sided Brush Motor
2MWT-1D-BLM	Double Sided Brushless Motor

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MWT-2

Dims 47.2” x 11” x 39.4” (in)

Model Number	Motor Type
2MWT-2	Brush
2MWT-2-BLM	Brushless
2MWT-2D	Double Sided Brush Motor
2MWT-2D-BLM	Double Sided Brushless Motor

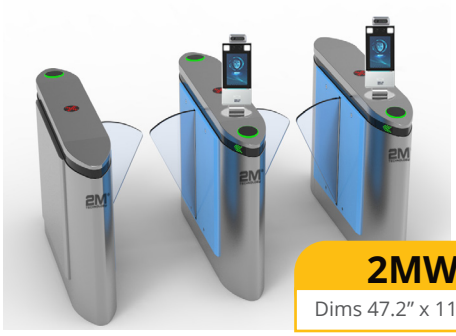
NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MWT-5

Dims 47.2” x 11” x 39.4” (in)

Model Number	Motor Type
2MWT-5	Brush
2MWT-5-BLM	Brushless
2MWT-5D	Double Sided Brush Motor
2MWT-5D-BLM	Double Sided Brushless Motor

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images



2MWT-6

Dims 47.2” x 11” x 39.4” (in)

Model Number	Motor Type
2MWT-6	Brush
2MWT-6-BLM	Brushless
2MWT-6D	Double Sided Brush Motor
2MWT-6D-BLM	Double Sided Brushless Motor

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

2MWT-9

Dims 55.1” x 11.8” x 39.4” (in)

Model Number	Motor Type
2MWT-9	Brush
2MWT-9-BLM	Brushless
2MWT-9D	Double Sided Brush Motor
2MWT-9D-BLM	Double Sided Brushless Motor

NOTE: The model numbers represent single units and ARE NOT as illustrated in the images

FULL HEIGHT TURNSTILE

2MFHT-1

Dims 16.5” x 12.9” x 39.4” (in)

Model Number	Motor Type
	Semi Automatic
2MFHT-1	Automatic
	Brushless

2MFHT-3

Model Number	Motor Type
	Semi Automatic
2MFHT-3	Automatic
	Brushless

2MFHT-4

Dims 59.1” x 59.1” x 88.6” (in)

Model Number	Motor Type
	Semi Automatic
2MFHT-4	Automatic
	Brushless

2MFHT-5

Dims 59.1” x 59.1” x 88.6” (in)

Model Number	Motor Type
	Semi Automatic
2MFHT-5	Automatic
	Brushless

2MFHT-6

Dims 94.5” x 59.1” x 88.6” (in)

Model Number	Motor Type
	Semi Automatic
2MFHT-6	Automatic
	Brushless

2MFHT-7

Dims 59.1” x 59.1” x 88.6” (in)

Model Number	Motor Type
2MFHT-7	Brushless

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