



## Features

- Vertical Swing turnstile, Stainless steel 304#
- Size: 55.1" x 7.9" x 39.4" (in); Gross weight: single: 70kg, double: 95kg
- Unlock time: 0.2s
- Pass rate: 35 person /min
- Pass width: ≤550mm
- Input :100V~240V
- Driving voltage: 24V
- Environment: -25~ +70
- Power consumption: 30W
- Input: 12V dry contact; 6 pair Infrared sensor.
- Automatic open when power off
- Support non-contact detection, support warning people with abnormal body temperature
- Support body temperature detection and personnel information binding, which can quickly confirm personnel information and do body temperature detection
- Built-in deep learning dedicated chip, supports local offline recognition, 10,000 face capacity, face whitelist (1:N)
- Fastest recognition time 0.2 seconds, various model merge mode are used to reduce false rate and increase pass rate
- WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes
- Support anti-spoofing detection based on deep learning algorithm, effective against fraud such as photo and video

## Specifications

GATE FEATURE	
<b>Turnstile Type</b>	speed gate turnstile
<b>Cabinet Material</b>	304 stainless steel (standard)
	316 stainless steel (optional)
<b>Arm Material</b>	Acrylic (optional)
	Tempered glass (optional)
<b>Finish</b>	Stainless steel satin finish
<b>Function</b>	Fail-safe, anti-clamping
<b>Dimension</b>	55.1" x 7.9" x 39.4" (in)
<b>Passage Width</b>	Customized
<b>Direction</b>	Single / bidirectional
<b>Power Supply</b>	AC110~220 V, 50/60Hz
<b>Unlock Time</b>	Adjustable
<b>Working Environment</b>	Indoor
<b>Indicator Lights</b>	Yes
<b>Motor</b>	DC brush motor (standard)
	DC brushless motor (optional)
	DC servo motor (optional)
FACIAL RECOGNITION	
<b>Operation System</b>	Linux
<b>Face Recognition Accuracy Rate</b>	>99%
<b>Face Recognition Time</b>	200ms
<b>Face Capacity</b>	10,000
<b>Card Capacity</b>	100,000
<b>Storage Capacity</b>	4GB
<b>Event Capacity</b>	30,000 (with images)
<b>Measurement Range</b>	30°C - 45°C
<b>Measurement Accuracy</b>	0.1°C
<b>Measurement Deviation</b>	≤ ±0.3°C
<b>Measurement Distance</b>	1m

<b>Authentication Mode</b>	Face Whitelist: (1:N)
	Card:(1:N)
	Face +Body temperature
<b>Card Type</b>	Mifare 1 Card
<b>User Management</b>	Support user library addition, deletion, update
<b>Record Management</b>	Support local recording and real-time upload
<b>Interface</b>	LAN×1, Wiegand Input×1, Wiegand Output×1, RS485×1, Alarm Input×2, Alarm Output×1, USB2.0×1, Lock×1, Door Contact ×1, Exit Button×1
<b>Power Supply</b>	Input 12V±25% DC
<b>Screen</b>	Touch Screen, Size:7 inch, Resolution: 600×1024
<b>Camera</b>	Dual Lens, 2MP, 1080P
<b>Supplement Light</b>	LED soft light and infrared light
<b>Dimensions (L×W×H)</b>	134.0mm×33.0mm×305.0mm
<b>Working Environment</b>	For access control terminal: -20°C~+65°C, Relative Humidity<95% (non-condensing)
<b>Protection Level</b>	Both terminal and module: IP 54
<b>Application Situation</b>	Indoor, No wind



### Options Available with this Model

MODEL NUMBER	2MGST-4 (SINGLE FLAP)			2MGST-4D (DOUBLE SIDED FLAPS)		
	BRUSH MOTOR	BRUSHLESS MOTOR	SERVO MOTOR	BRUSH MOTOR	BRUSHLESS MOTOR	SERVO MOTOR
<b>Drive Type</b>	Drive By Brush Motor	Drive By Brushless Motor	Drive By Servo Motor	Drive By Brush Motor	Drive By Brushless Motor	Drive By Servo Motor
<b>Arm Material</b>	Acrylic	Acrylic / Tempered Glass	Acrylic / Tempered Glass	Acrylic	Acrylic / Tempered Glass	Acrylic / Tempered Glass
<b>Power Off</b>	Automatic Open	Automatic Open	Automatic Open	Automatic Open	Automatic Open	Automatic Open
<b>Lane Width</b>	0-23.6" (in) [0-600mm]	0-35.4" (in) [0-900mm]	0-35.4" (in) [0-900mm] or Longer	0-35.4" (in) [0-900mm] or Longer	0-35.4" (in) [0-900mm] or Longer	0-35.4" (in) [0-900mm] or Longer
<b>Speed</b>	1 Second Not Adjustable	0.5 Seconds Adjustable	Max 0.2 Second And Can Adjustable	1 Second Not Adjustable	0.5 Seconds Adjustable	Max 0.2 Second And Can Adjustable
<b>Max Capacity Flow</b>	1000	2000	More Than 2000	1000	2000	More Than 2000
<b>Life Time</b>	2-3 Years	3-5 Years	At Least 5 Years	2-3 Years	3-5 Years	At Least 5 Years
<b>MTBF</b>	5 Million	10 Million	20 Million	5 Million	10 Million	20 Million
<b>Controller</b>	Standard Function Can Be Set	Standard Function Can Be Set	Full Function Can Be Set	Standard Function Can Be Set	Standard Function Can Be Set	Full Function Can Be Set
<b>Structure</b>	Stable	Strong	Strong	Stable	Strong	Strong
<b>Mechanical Friction</b>	Yes	Some	None	Yes	Some	None
<b>Noise</b>	Moderate	Quiet	Almost None	Moderate	Quiet	Almost None