



## Features

- Vertical Swing turnstile, Stainless steel 304  
Size (L x W x H): 47.24" x 11.02" x 39.37"(in) [1200 x 280 x 1000(mm)]
- Gross weight: Single: 154.32 lbs [70kg]; double: 209.44 lbs [95kg]
- Unlock time: 0.2s
- Pass rate: 35 people/min
- Pass width: ≤21.65" in [≤550mm]
- Input: 100V~240V
- Driving voltage: 24V
- Environment: -25~+70
- Power consumption: 30w
- Input: 12V dry contact
- Automatic open when power off
- Supports non-contact detection, warns of people with abnormal body temperature
- Binds body temperature detection and personnel information
- 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 the highest quality image with various complex lighting scenes
- Anti-spoofing protection which uses learning algorithms to effectively prevent photo and video fraud. This system can differentiate between a real person and a video or photograph

## Specifications

GATE FEATURE	
Turnstile Type	Swing turnstile
Cabinet Material	304 stainless steel (standard)
	316 stainless steel (optional)
Arm Material	Hollowed stainless steel(standard)
	Acrylic (optional)
	Tempered glass (optional)
Finish	Stainless steel satin finish
Dimension	47.24" x 11.02" x 39.37"(in) [1200*280*1000 mm (L x W x H)]
Passage Width	≤21.65" in (≤550 mm)
Weight	154.3 lbs (70 kg)
Direction	Single / bidirectional
Function	Fail-safe, anti-clamping
Power Supply	AC 110–220 V, 50/60 Hz
Unlock Time	0.2s
Flow Rate	35 person/min
Working Environment	Indoor and outdoor
Motor	DC brush motor (standard)
	DC brushless motor (optional)
	DC servo motor (optional)
FACIAL RECOGNITION	
Operation System	Linux
Face Recognition Accuracy Rate	>99%
Face Recognition Time	200ms
Face Capacity	10,000
Card Capacity	100,000
Storage Capacity	4GB
Event Capacity	30,000 (with images)
Measurement Range	86°F - 113°F (30°C - 45°C)
Measurement Accuracy	0.1°C
Measurement Deviation	≤±0.3°C
Measurement Distance	3.28' ft [1m]
Authentication Mode	Face Whitelist: (1:N)
	Card:(1:N)
	Face + Body temperature
Card Type	Mifare 1 Card
User Management	Supports user library addition, deletion, update
Record Management	Supports local recording and real-time upload

<b>Interface</b>	LAN x1, Wiegand Input x1, Wiegand Output x1, RS485 x1, Alarm Input x2, Alarm Output x1, USB2.0 x1, Lock x1, Door Contact x1, Exit Button x1
<b>Power Supply</b>	Input 12V±25% DC
<b>Screen</b>	Touch Screen, Size:7 inch, Resolution: 600 x 1024
<b>Camera</b>	Dual Lens, 2MP, 1080P
<b>Supplement Light</b>	LED soft light and infrared light
<b>Dimensions (L x W x H)</b>	5.3" x 1.3" x 12" (in) [134 x 33 x 305 (mm)]
<b>Working Environment</b>	For access control terminal: -4°F - 149°F [-20°C~+65°C] Relative Humidity<95% (non-condensing)
<b>Protection Level</b>	Both terminal and module: IP54
<b>Application Situation</b>	Indoor, No wind



## Options Available with this Model

MODEL NUMBER	2MMST-4 (SINGLE FLAP)			2MMST-4D (DOUBLE SIDED FLAPS)		
MOTOR TYPE	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>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>Power Off</b>	Automatic Open	Automatic Open	Automatic Open	Automatic Open	Automatic Open	Automatic Open
<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