



## Features

- Vertical Swing turnstile, Stainless steel 304#
- Size: 55.1" x 11.8" 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; 6pair 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	
Turnstile type	speed gate turnstile
Cabinet material	304 stainless steel (standard)
	316 stainless steel (optional)
Arm material	Acrylic (optional)
	Tempered glass (optional)
Finish	Stainless steel satin finish
Function	Fail-safe, anti-clamping
Dimension	55.1" x 11.8" x 39.4" (in)
Passage width	Customized
Direction	Single / bidirectional
Power supply	AC110~220 V, 50/60Hz
Unlock time	Adjustable
Working environment	Indoor
Indicator lights	Yes
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	30°C - 45°C
Measurement Accuracy	0.1°C
Measurement Deviation	≤ ±0.3°C
Measurement Distance	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	2MRST-9 (SINGLE FLAP)		2MRST-9D (DOUBLE SIDED FLAPS)	
	BRUSH	BRUSHLESS	DOUBLE SIDED BRUSH MOTOR	DOUBLE SIDED BRUSHLESS MOTOR
<b>Drive Type</b>	Drive By Brush Motor	Drive By Brushless Motor	Drive By Brush Motor	Drive By Brushless Motor
<b>Arm Material</b>	Acrylic	Acrylic / Tempered Glass	Acrylic	Acrylic / Tempered Glass
<b>Power Off</b>	0-23.6" (in) [0-600mm]	0-35.4" (in) [0-900mm]	0-23.6" (in) [0-600mm]	0-35.4" (in) [0-900mm]
<b>Lane Width</b>	Automatic Open	Automatic Open	Automatic Open	Automatic Open
<b>Speed</b>	1 Second Not Adjustable	0.5 Seconds Adjustable	1 Second Not Adjustable	0.5 Seconds Adjustable
<b>Max Capacity Flow</b>	1000	2000	1000	2000
<b>Life Time</b>	2-3 Years	3-5 Years	2-3 Years	3-5 Years
<b>MTBF</b>	5 Million	10 Million	5 Million	10 Million
<b>Controller</b>	Standard Function Can Be Set	Standard Function Can Be Set	Standard Function Can Be Set	Standard Function Can Be Set
<b>Structure</b>	Stable	Strong	Stable	Strong
<b>Mechanical Friction</b>	Yes	Some	Yes	Some
<b>Noise</b>	Moderate	Quiet	Moderate	Quiet