



- The 2MFHT-1 is designed to be integrated with a myriad of third-party access control systems through the contact/relay interface.
- 2MFHT-1 is the perfect choice to help eliminate tailgating. The delicate lock mechanism uses a limit switch to detect rotation and immediately re-locks after the arm is rotated halfway through. This way, the current person shall only finish the rotation to pass or reverse to exit. The second person will not be allowed to pass through without access confirmation.
- In case of any power failure, the full height turnstile gates will automatically unlock the arms so that people can push through manually for fast evacuation.

- Non-contact detection, abnormal body temperature warning system
- Supports body temperature detection and personnel information binding, which can quickly confirm personnel information and do body temperature detection
- Built-in deep learning chip, Supports local off-line recognition, with a capacity of up to 10K faces, 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 captures high quality images in various complex lighting situations.
- Supports anti-spoofing detection based on deep learning algorithm, effective against fraud such as presenting a photo or video vs a live person.
- Allows only one person at a time to get access using automatic locking after one entry. Designed to be impossible for someone to crawl under or climb over, these full height turnstile gates offer maximum security
- The 2MFHT-1 full height turnstile can be customized for one-way or bi-directional passage for more flexibility. These turnstiles can be made either horizontal or vertical for a better solution.
- 2MFHT-1 full height turnstile gate is made of high-quality stainless steel for durable outdoor use. It is semi-auto, with solenoid lock installed for efficient passing.

Specifications

GATE FEATURE	
Turnstile Type	Full Height Turnstile
Material	304 Stainless Steel (Standard) 316 Stainless Steel (Optional)
Finish	Stainless Steel Satin Finish
Safety	Fail-Safe (Free Exit/Entry)
Dimension	1500 x 1300 x 2250 mm 59.06" x 51.18" x 88.58" (in)
Number Of Wings(Angle)	X Type-4 (90°) Y Type-3 (120°)
Direction	Single / Bidirectional
Power Supply	Ac110-220 V, 50/60 Hz
Flow Rate	50 Person/Min
Working Environment	Indoor & Outdoor
Unlock mode	Solenoid (standard) Motor drive (optional)
Motor Type (if motor drive)	DC brush motor (standard) DC brushless motor (optional) Servo motor (optional)
Operation System	Linux
FACIAL RECOGNITION	
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
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
Interface	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
Power Supply	Input 12V±25% DC
Screen	Touch Screen, Size: 7 inch, Resolution: 600 x1024
Camera	Dual Lens, 2MP, 1080P
Supplement Light	LED soft light and infrared light
Dimensions (L×W×H)	134 x 33 x 305 (mm)
Working Environment	For access control terminal: -20°C~+65°C, Relative Humidity<95% (non-condensing)
Protection Level	Both terminal and module: IP 54
Application Situation	Indoor, No wind



Options Available with this Model

MODEL	2MFHT-1		
MOTOR TYPE	SEMI AUTOMATIC	AUTOMATIC	BRUSHLESS
Control Model	Electromagnetic	Brush Motor	Brushless Motor
Drive Type	Push By Hand	Drive By Motor	Drive By Motor
Power On	Pick Up Arm By Hand	Pick Up Arm By Motor	Pick Up Arm By Motor
Max Flow Per Day	500	1000	2000
Life Time	2-3 Years	3-5 Years	At Least 5 Years
MTBF	3 Million	5 Million	10 Million
Controller	Standard Function Can Be Set	Full Function Can Be Set	Full Function Can Be Set
Structure	Simple	Stable	Strong
Mechanical Friction	Mechanical Shock	Yes	Small
Noise	Moderate	Quiet	Almost None
After Service	Electromagnetic (Perishable)	Low	Low