2MFHT-3

Full Height Turnstile Gate with Face Recognition and Temperature Measurement Module

Specifications

GATE FEATURE

Turnstile type	Double full height turnstile
Cabinet material	304 stainless steel (standard)
	316 stainless steel (optional)
Finish	Stainless steel satin finish
Safety	Fail-safe (free exit/entry)
Number of wings (angle)	X type-4 (90°) Y type-3 (120°)
Direction	Single / bidirectional
Power supply	AC110–220 V, 50/60Hz
Flow rate	50 person/min
Working environment	Indoor & outdoor
Unlock Mode	Solenoid (standard)
	Motor drive(optional)
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
Authentication Mode	Face Whitelist: (1:N)
	Card:(1:N)
	Face +Body temperature
Card Type	Mifare 1 Card

Features

- Full height turnstiles
- 304 Stainless steel
- Supports input way: Two-side card reader, paper ticket, fingerprint, coins.
- Infrared light detection, illegal infiltration or tailing will set off the alarm
- Working mode and opening time is adjustable
- Non-contact detection, abnormal body temperature warning system
- Supports body temperature detection and personnel information binding, which can quickly confirm personnel information and scan body temperature
- 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 modes are used to reduce false reading rates and increase the 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
- Avoid clamping
- Supports anti-spoofing detection based on deep learning algorithm, effective against fraud, can detect the difference between a real person and a photograph or video

REV0213020

FC CE RoHS

User Management	Supports user library addition, deletion, update
Record Management	Supports local recording and real-time upload
Interface	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
Power Supply	Input 12V±25% DC
Screen	Touch Screen, Size:7 inch, Resolution: 600×1024
Camera	Dual Lens, 2MP, 1080P
Supplement Light	LED soft light and infrared light
Dimensions (L×W×H)	134.0mm×33.0mm×305.0mm
Working Environment	For access control terminal: -20℃～+65℃, Relative Humidly<95% (non-condensing)
Protection Level	Both terminal and module: IP 54
Application Situation	Indoor, No wind

Options Available with this Model

MODEL	2MFHT-3		
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

REV0213020

FC CE RoHS