2M TECHNOLOGY
DESIGNED FOR LIFE

Specifications

Features

- Stainless steel 304#, with a 2 channel bridge
- Anti-clamping function
- Working mode and opening time is adjustable
- Alarm will activate when Illegal infiltration or tailing is detected
- LED direction guide
- Working temperature:-30+80
- Working humidity: 5% - 90%
- Passage width: max 600mm
- Wing will open automatically when power off
- Non-contact detection. Alerts when it detects people with abnormal body temperature
- Supports 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 off line recognition, 10,000 face capacity, face white list (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
- Supports anti-spoofing detection based on deep learning algorithm, it can differentiate between a real person and video or photo.

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	47.2" x 11" 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℃ - 45℃
Measurement Accuracy	0.1℃
Measurement Deviation	≤±0.3℃
Measurement Distance	1m

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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×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 Humidy＜95% (non-condensing)
Protection Level	Both terminal and module: IP 54
Application Situation	Indoor, No wind

Options Available with this Model

MODEL NUMBER	2MWT-5 (SINGLE FLAP)		2MWT-5 (DOUBLE SIDED FLAPS)	
MOTOR TYPE	BRUSH	BRUSHLESS	DOUBLE SIDED BRUSH MOTOR	DOUBLE SIDED BRUSHLESS MOTOR
Drive Type	Drive By Brush Motor	Drive By Brushless Motor	Drive By Brush Motor	Drive By Brushless Motor
Arm Material	Acrylic	Acrylic / Tempered Glass	Acrylic	Acrylic / Tempered Glass
Power Off	0-23.6" (in) [0-600mm]	0-35.4" (in) [0-900mm]	0-23.6" (in) [0-600mm]	0-35.4" (in) [0-900mm]
Lane Width	Automatic Open	Automatic Open	Automatic Open	Automatic Open
Speed	1 Second Not Adjustable	0.5 Seconds Adjustable	1 Second Not Adjustable	0.5 Seconds Adjustable
Max Capacity Flow	1000	2000	1000	2000
Life Time	2-3 Years	3-5 Years	2-3 Years	3-5 Years
MTBF	5 Million	10 Million	5 Million	10 Million
Controller	Standard Function Can Be Set	Standard Function Can Be Set	Standard Function Can Be Set	Standard Function Can Be Set
Structure	Stable	Strong	Stable	Strong
Mechanical Friction	Yes	Some	Yes	Some
Noise	Moderate	Quiet	Moderate	Quiet

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