2M TECHNOLOGY
DESIGNED FOR LIFE

- Intelligent traffic and alarm counters that calculate traffic flow and resultant alarms.
- Tamper-Proof: The operating system is password protected
- Adjustable operating frequencies to help eliminate the potential interference from X-ray units, radios and other electrical items.
- Mix distances between two walkthroughs: 11.8" at low sensitivity, 20" at high sensitivity
- Connect with computer, camera, turnstile, etc... (optional)
- 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.

Specifications

Zones Options	up to 33 zones
Shock Proof	Yes
LED Bars	2
Diagnostics	Self-diagnostic procedures
Calibration	Automatic
Tracking	Intelligent traffic and alarm counters that calculate traffic flow and resultant alarms.
Advanced Broadband Detection	Can detect ferrous and non-ferrous articles
Alarm	Audible and Visual Alerts
Adjustable Sensitivity	From Level 0 to 300
Tamper Proof	Password Protected
Operating Frequencies	Adjustable
Distance	Mix distances between two walk-through: 0.3 meters at low sensitivity, 0.5 meters at high sensitivity
Safety	Harmless to pregnant women and heart pacemakers
Battery	MBSU backup battery
Electrical Current:	AC100V~240V 50/60Hz
Power	15W
Work Environment	-4º F (-20º C) to +149º F (65º C)
Ingress Protection	IP55 / IP65
Gross Weight	75kg
Outer Frame	2210(h) x 880(w) 600(d) (mm)
Inner Frame	2010(h) 760(w) 600(d) (mm)
FACIAL RECOGNITION	
Face Recognition Accuracy Rate	>99%
Face Recognition Time	200ms
Face Capacity	10,000

Features

- Alarm sounds when it detects unauthorized metal objects
- Can be set up with up to 33 metal detector zones
- Temperature can be measured on the forehead
- Temperature measurement distance: up to 3 feet
- Non-contact detection to avoid cross infection
- Easy to set up and use
- Safe for pregnant women, and people with pacemakers and/or hearing aids
- MBSU backup battery
- Self-diagnostic procedures
- Automatically adapts to the working environment
- Auto scans for environmental interference
- User friendly LCD
- Automatic calibration
- Two LED light bars on both door panels which indicates the level where the metal object is detected
- Metal detection sensitivity is adjustable from Level 0 to 300 High: Can detect up to a paper clip. Low: Detects big metal articles such as knives, guns, copper, aluminum items, zinc (more than 150g), bypassing metal in belts, buttons and shoes
- Shock proof to avoid false readings
- Sound and light alarm warnings

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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	$\leq \pm 0.3°C$
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	1x LAN 1x Wiegand Input 1x Wiegand Output 1x RS485 1x Alarm Input 2x Alarm Output 1x USB 2.0 1x Lock 1x Door Contact 1x Exit Button
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 x 33 x 305 (mm) / 5.3" x 1.3" x 12" (in.)
Working Environment	For access control terminal: -20°C~+65°C, Relative Humidly<95% (non-condensing)
Protection Level	Both terminal and module: IP54
Application Situation	Indoor, No wind

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