



### Features

- Swing turnstile, Stainless steel 304#
- Size: 55.1" x 10.2" 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                          |                                |
|---------------------------------------|--------------------------------|
| <b>Turnstile type</b>                 | speed gate turnstile           |
| <b>Cabinet material</b>               | 304 stainless steel (standard) |
|                                       | 316 stainless steel (optional) |
| <b>Arm material</b>                   | Acrylic (optional)             |
|                                       | Tempered glass (optional)      |
| <b>Finish</b>                         | Stainless steel satin finish   |
| <b>Function</b>                       | Fail-safe, anti-clamping       |
| <b>Dimension</b>                      | 55.1" x 10.2" x 39.4" (in)     |
| <b>Passage width</b>                  | ≤550 mm                        |
| <b>Direction</b>                      | Single / bidirectional         |
| <b>Power supply</b>                   | AC110~220 V, 50/60Hz           |
| <b>Unlock time</b>                    | 0.2s                           |
| <b>Flow rate</b>                      | 35 person/min                  |
| <b>Working environment</b>            | Indoor                         |
| <b>Indicator lights</b>               | Yes                            |
| <b>Motor</b>                          | DC brush motor (standard)      |
|                                       | DC brushless motor (optional)  |
|                                       | DC servo motor (optional)      |
| FACIAL RECOGNITION                    |                                |
| <b>Operation System</b>               | Linux                          |
| <b>Face Recognition Accuracy Rate</b> | >99%                           |
| <b>Face Recognition Time</b>          | 200ms                          |
| <b>Face Capacity</b>                  | 10,000                         |
| <b>Card Capacity</b>                  | 100,000                        |
| <b>Storage Capacity</b>               | 4GB                            |
| <b>Event Capacity</b>                 | 30,000 (with images)           |
| <b>Measurement Range</b>              | 30°C - 45°C                    |
| <b>Measurement Accuracy</b>           | 0.1°C                          |
| <b>Measurement Deviation</b>          | ±0.3°C                         |

|                              |  |
|------------------------------|--|
| <b>Measurement Distance</b>  | 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 Humidly<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               | 2MGST-2 (SINGLE FLAP)        |                              |                                     | 2MGST-2D (DOUBLE SIDED FLAPS)       |                                     |                                     |
|----------------------------|------------------------------|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                            | BRUSH MOTOR                  | BRUSHLESS MOTOR              | SERVO MOTOR                         | BRUSH MOTOR                         | BRUSHLESS MOTOR                     | SERVO MOTOR                         |
| <b>Drive Type</b>          | Drive By Brush Motor         | Drive By Brushless Motor     | Drive By Servo Motor                | Drive By Brush Motor                | Drive By Brushless Motor            | Drive By Servo Motor                |
| <b>Arm Material</b>        | Acrylic                      | Acrylic / Tempered Glass     | Acrylic / Tempered Glass            | Acrylic                             | Acrylic / Tempered Glass            | Acrylic / Tempered Glass            |
| <b>Power Off</b>           | Automatic Open               | Automatic Open               | Automatic Open                      | Automatic Open                      | Automatic Open                      | Automatic Open                      |
| <b>Lane Width</b>          | 0-23.6" (in)<br>[0-600mm]    | 0-35.4" (in)<br>[0-900mm]    | 0-35.4" (in)<br>[0-900mm] or Longer | 0-35.4" (in)<br>[0-900mm] or Longer | 0-35.4" (in)<br>[0-900mm] or Longer | 0-35.4" (in)<br>[0-900mm] or Longer |
| <b>Speed</b>               | 1 Second Not Adjustable      | 0.5 Seconds Adjustable       | Max 0.2 Second And Can Adjustable   | 1 Second Not Adjustable             | 0.5 Seconds Adjustable              | Max 0.2 Second And Can Adjustable   |
| <b>Max Capacity Flow</b>   | 1000                         | 2000                         | More Than 2000                      | 1000                                | 2000                                | More Than 2000                      |
| <b>Life Time</b>           | 2-3 Years                    | 3-5 Years                    | At Least 5 Years                    | 2-3 Years                           | 3-5 Years                           | At Least 5 Years                    |
| <b>MTBF</b>                | 5 Million                    | 10 Million                   | 20 Million                          | 5 Million                           | 10 Million                          | 20 Million                          |
| <b>Controller</b>          | Standard Function Can Be Set | Standard Function Can Be Set | Full Function Can Be Set            | Standard Function Can Be Set        | Standard Function Can Be Set        | Full Function Can Be Set            |
| <b>Structure</b>           | Stable                       | Strong                       | Strong                              | Stable                              | Strong                              | Strong                              |
| <b>Mechanical Friction</b> | Yes                          | Some                         | None                                | Yes                                 | Some                                | None                                |
| <b>Noise</b>               | Moderate                     | Quiet                        | Almost None                         | Moderate                            | Quiet                               | Almost None                         |