



# PassGate T100

## Face Recognition Thermometer Gate



Human body temperature measurement



Abnormal temperature alarm



Mask wearing detection (opt.)



Identification & authentication



1:1 or 1:N face recognition



Encrypted data for tracing and tracking

The PassGate T100 is an auxiliary gate that integrates temperature measuring, face recognition, and identity authentication. Powered by a high-performance processing unit and industry-leading algorithm, it can provide near-instant recognition processing with utmost accuracy. The extra temperature measuring unit also offers a non-contact full-frame infrared temperature measurement of the human body. The PassGate T100 can be widely deployed in various scenarios of identification and epidemic prevention, including within public transportation, communities, business parks, and much more. It is the optimal replacement for manual methods of identity authentication and temperature measuring.

# PassGate T100 Face Recognition Thermometer Gate

## Features

- Integrated design for both identification and temperature measuring modules. Flexible configurations that can be applied to various scenarios.
- Industry-leading face recognition algorithm provides fast recognition results with a supreme level of accuracy.
- Innovative liveness detection technology can efficiently prevent most fraudulent attacks, including photographs, videos, and masks.
- Acoustic and light alarm for unauthenticated people and abnormal body temperatures, which efficiently automates monitoring and controlling.
- Enclosed automatic calibration reducing errors without manual intervention.

## Applications



Fever detection  
(office buildings, shopping malls, campuses)



Fever detection assisted with security checking  
(metro stations, railway stations, airports)

## Specifications

Model		M230D
Face recognition	Speed*	≤500ms
	Distance	500-1,200mm
Temperature measurement	Precision	±0.3°C (automatic callibration)
	Distance	2,000-3,000mm (recommended)
	Resolution	160 x 120, output: 320 x 240
	FOV	56° V x 41.5° H
	Range	30°C - 45°C
System specification	Core	Face module: Quad-core processor, 2.0GHz, 2G RAM (4G opt.) Gate module: Dual-core processor, 2.3GHz, 8G RAM
	Storage	Face module: 16GB (128GB opt.); Gate IPC: 128GB SSD
	Operation system	Face module: Linux, Android; Gate IPC: Windows, Linux
	Display	8.9 inch, 1920x1200, 16:10
Installation data	Ports	RJ45 Ethernet port (options: WIFI, Bluetooth, 4G)
	Dimensions	≤W1500mm x D300mm x H1880mm, front height: 1600mm
Environment & Power	Temperature	0°C~50°C
	Humidity	10%~90% (no condensation)
	Input	110~220V +10%, -15%, 50~60Hz±4%

\* Face recognition data based on Chinese face testing.



### GRGBanking Equipment Co., Ltd.

9,11 Kelin Road, Science City, High-tech Industrial Development Zone,  
Guangzhou, China 510663  
Tel: +86-20-6287 8545  
Fax: +86-20-6287 9976  
E-mail: atm@grgbanking.com

Specifications are subject to update without prior notice.  
Please consult GRGBanking or its representative for the latest information.