

# OPD-533TM Temperature Measurement and Metal Detector Security Gate

## Overview

OPD-533TM is a walk-through security gate with metal detection, temperature measurement, and face recognition functions. OPD-533TM can detect tiny metals with high accuracy and offers a LCD screen for easy operation. Its face recognition can detect strangers, and non-contact temperature measurement helps epidemic prevention and control. OPD-533TM can be widely applied in universities, office buildings, communities, hospitals, etc.



## Features

- Highly sensitive metal detector can pinpoint locations of metals, adjustable sensitivity levels allow effective detection of banned objects.
- The numbers of alarms and people passing the gate are displayed on LCD screen in real time.
- Multiple detection zones can pinpoint locations of multiple metal objects and sound alarms simultaneously.
- Password protection can prevent unauthorized configuration.
- Non-contact temperature measurement on the wrist, can sound an alarm when a high temperature is detected.
- 30°C~45°C measurement range, high accuracy (precision to 0.1℃, measurement deviation  $\leq 0.3^{\circ}\text{C}$ ), 1cm~2.5cm measurement distance.
- Can link temperature with personal information to filter people with abnormal temperature.
- Face recognition using deep learning algorithm model (Uniview's independent intellectual property), face recognition accuracy >99%, false recognition <1%.
- Real-time and history alarms and entry/exit records can be queried on the platform for unified management.
- Modular design, easy to install.

## Order Information

Model	Remarks
OPD-533TM	Temperature measurement and metal detector security gate (wrist temperature measurement)

## Specifications

Features Parameter	Description
Security gate display	5.7" LCD screen
Detection zone	18 detection zones
Detection sensitivity	0-255 levels for each detection zone.
Remote control	Standard IR control for remote operations
Alarm mode	Simultaneous sound and light alarms
Counting	Count the number of people walking through and the number of people that triggers an alarm
Face recognition rate	>99%
False recognition rate	<1%
Face recognition time	200ms
Face library capacity	10,000
Storage Capacity	4GB
Event Capacity	30,000 (with images)
Measurement area	Wrist
Measurement range	30°C to 45°C
Measurement precision	0.1°C
Measurement deviation	≤±0.3°C
Measurement distance	1cm~2.5cm
Common authentication methods	Face whitelist (1:N)
	Face+card (1:N);
	Face+ID card (1:1) (external ID card reader required)
	Face comparison+temperature measurement
Face recognition access control display	7" touch screen, 600×1024 resolution
Camera	Dual camera, 2MP, 1080P
Illumination	1 set white light illuminator, 1 set infrared illuminator
Power supply	Security gate: AC220V/50Hz; face recognition access control: DC12V±25%
Dimensions (L×W×H)	Security gate External size:2220mm×835mm×578mm, Internal size:1990mm×700mm×578mm
	Face recognition access control:134mm*33mm*305mm
Operating temperature	-20°C to 50°C
Operating humidity	<95%, non-condensing
Application environment	Indoor, windless environment

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