



FDP-3000 Face Recognition Access Control Terminal with Digital Detection Module

The FDP-3000 digital detection, face recognition, access control terminal is a kind of access control device with a precise recognition rate, large storage capacity and fast facial recognition.

The device integrates face recognition technology and non-contact temperature detection technology, which can use a database of images of your staff, to only allow entry through linked access control, such as a door opening, to your employees who are within the normal and expected temperature range.

The digital detection module supports rapid body temperature detection. This means that the product can achieve face recognition and temperature detection at the same time, and supports warnings for people with an abnormal body temperature. It can be widely applied in crowded places, such as smart communities, schools, office buildings, hospitals and other important areas.



Wall mounted



Floor mounted

KEY FEATURES

- ◆ Non-contact detection
- ◆ Abnormal body temperature warning
- ◆ Measurement range between 30°C to 45°C
- ◆ Accuracy of up to 0.1°C
- ◆ Built-in deep learning dedicated chip
- ◆ Fastest recognition time 0.2 seconds
- ◆ Supports face, card, password and QR code authentication
- ◆ Two-way audio with indoor monitor
- ◆ Up to 8,000 events capacity (with images)

ADDITIONAL FEATURES

- ◆ Body temperature and personnel information binding
- ◆ Configurable temperature detection threshold
- ◆ Measurement distance is 1 meter
- ◆ Deep learning Face recognition accuracy rate > 99%, false rate < 1%
- ◆ Built-in deep learning dedicated chip
- ◆ Supports local offline recognition
- ◆ 10,000 face capacity, face whitelist (1:N)
- ◆ 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
- ◆ Suggested height for face recognition: 0.8m to 2.2m, face recognition distance: 0.2m to 2.9m
- ◆ Screen sleep mode
- ◆ Add up to 6 photos in the library for a single person
- ◆ Supports video capture, supports ONVIF protocol
- ◆ Built-in 4G EMMC front end storage
- ◆ Supports tamper protection, support door open timeout and time exceed alarm function to keep door opening during fire alarm active

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KEY FEATURES

CAMERA

FEATURES PARAMETER	DESCRIPTION
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	8,000 (with images)
Measurement Range	30°C - 45°C
Measurement Accuracy	0.1°C
Measurement Deviation	≤0.3°C
Measurement Distance	1m
Authentication Mode	Face Whitelist(1N)
	Card:(1:N)
	Face +Body temperature
	Mask Detection
Door Opening Method	Face, Password, QR code, Card
Communication Mode	10/100Mbps adaptive network port
Card Type	Mifare 1 Card
User Management	Supports user library addition, deletion and update
Record Management	Supports local recording and real-time upload
Interface	LAN x1, Wiegand Input x1, Wiegand Output x1, RS485 x1, Alarm Input x2, Alarm Output x1, USB2.0 x1, Lock x1, Door Contact x1, Exit Button x1
Power Supply	Input 12V25 DC
Screen	7" Touch Screen, Resolution: 600×1024
Camera	Dual Lens, 2MP, 1080P
Supplement Light	LED soft light and infrared light
Dimensions (LWH)	For terminal : 134mm x 33mm x 305mm
Working Environment	For terminal: -20°C – 65°C, Relative Humidly 95% (non-condensing) For module: 15°C – 30°C
Protection Level	Both terminal and module: IP 54
Application Situation	Indoor, No wind

DIMENSIONS

All dimensions are in mm

