



# FaceEx



## FACIAL RECOGNITION TERMINAL 5" LCD SCREEN

Face Recognition Terminal is a kind of access control device for face recognition, which is mainly applied in security access control systems, such as logistic centers, airports, university campuses, alarm centrals, dwellings and so on.

A Face Recognition Terminal adopts deep learning algorithm, which helps to recognize the face faster and more accurate. It also supports multiple authentication modes: face picture, card, fingerprint etc. Face Recognition Terminal helps managing the door opening/closing, which can apply to the scenarios of buildings, businesses, financial industries, and other important areas.



### KEY FEATURES:

- ✓ Wall mounting
- ✓ 5-inch LCD touch screen to display operation interface, advertisement, etc.
- ✓ 2 MP wide-angle lens
- ✓ WDR
- ✓ Face recognition distance: 3 m to 1 m
- ✓ High performance processor with deep learning algorithm
- ✓ Max. 3000 face pictures and Max. 5000 fingerprints  
**Note:** Only the device containing fingerprint module supports fingerprint related functions
- ✓ Multiple authentication modes: authentication by comparing face picture, by swiping card and comparing face picture, by custom mode, etc.
- ✓ Accurate and fast face recognition The face recognition duration is no more than 1s per person and the face recognition accuracy rate is more than 99%
- ✓ Applies face picture data and card data to the device via TCP/IP or uploading them to the device via the USB flash drive
- ✓ Stand-alone operation
- ✓ Transmits and saves the comparing results and the captured face pictures to the client software or others
- ✓ Device management, log search, and parameter settings via the device
- ✓ Imports the data (face pictures) from the USB flash drive to the device or exports the data (face pictures and events) from the device to the USB flash drive
- ✓ Connects to one external card reader via RS-485 communication and Wiegand communication
- ✓ Connects to external access controller via Wiegand communication
- ✓ Connects to secure door control unit to avoid the door opening when the terminal is destroyed
- ✓ Voice prompts
- ✓ Watchdog design for protecting the device and ensuring device running properly


**TECHNICAL PARAMETER:**

<b>MODEL</b>	<b>FACIAL RECOGNITION DOOR TERMINAL</b>
Operation System	Embedded Linux System
LCD Screen	5-inch LCD Touch Screen; Resolution: 480p × 800p
1:N Face Recognition Duration	≤ 1s/Person
Face Recognition Accuracy Rate	0.3 m to 1 m
Face Picture Capacity	3000; JPG and JPEG Format
Face Recognition Distance	0.3 m to 1 m
Fingerprint Capacity	—
Card Capacity	5,000
Event Capacity	100,000
Communication Mode	10/ 100/ 1000 Mbps Self-Adaptive Network Interface; Wi-Fi
Interface	RS-485 × 1, Wiegand × 1, USB × 1, Lock × 1, Exit Button × 1, Tamper × 1, Alarm Input × 2, Alarm Output × 1. Door Lock × 1
Power Supply	12 VDC/2 A ( Centralized Power Supply )
Working Temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Working Humidity	10% to 90% (Non Condensing)
Installing Method	Wall Mounting ( With/ Without Gang Box )
Dimensions	281.5 mm × 113 mm × 45 mm ( 11.08" × 4.45" × 1.77" )
Application Situation	Indoor; Outdoor
Protection Level	IP65