

# AI Dynamic Face Recognition Access Control

- ✓ Dynamic face recognition
- ✓ Password
- ✓ ID/IC card optional



Support multi person (at most 5 users) face recognition at same time





**LED**  
support LED and  
infrared light  
compensation  
at night

**HD Infrared Camera**  
infrared detection  
camera, make picture  
automatic exposure  
and extend  
identification range

**LCD display**  
4.3 inch touchable  
LCD display

**Card reader**

Attendance report  
download by  
USB flash driver





Single user /  
Multi user recognition



Recognition  
Distance



Face  
Capacity



Recognition  
Speed



200W Colorful  
WDR



Screen  
Display



Touch  
Scree



Multi  
Language



Access  
Control



Infrared live  
camera



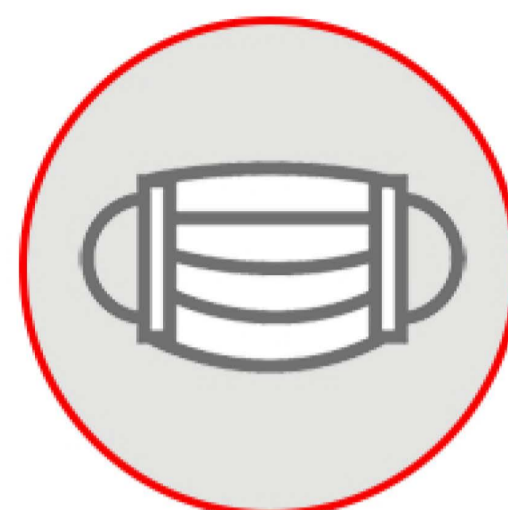
HD  
Screen



Face Recognition  
Accuracy

# Support mask detection

**Pls wear mask**



Mask-wearing  
recognition



# Specifications

Product name	AI Dynamic Face Recognition Time Attendance Access Control Terminal
Screen	4.3 Inch, HD 272*480, Capacitive Touch Screen
Keypad	Touch keypad
Operation system	LINUX 3.10
CPU,NPU	1.2G Dual-Core ARM Cortex-A7, 600G (0.6T)
RAM	256MB DDR3
ROM	eMMC Flash 4GB
Binocular camera	200W Colorful WDR+200W Infrared live camera
Logs capacity	500000
Face Registration	Local operation: Enroll face with machine, import user photo with U disk Software operation: Import user photo to software, capture user photo with camera
Verification	Dynamic face recognition, password, ID/IC card optional
Face capacity	20000
Card Capacity	20000, ID Card Standard, IC Card Optional
Password Capacity	20000
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2s, support single user/multi user(at most 5 users) recognition at same time
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
Prevent Photo	Dual camera anti-counterfeiting, prevent recognition with photo/video
Principle of Identification	Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking and recognition
WDR	Wide dynamic range, support accurate face recognition under Strong light, dark light and backlight
USB	USB2.0 x 1 , Support U disk import/export data
Power supply	DC12V interface x 1
Speaker Interface	Reserved for extended Speaker Interface
Network Communication	TCP/IP, Support C/S LAN communication, Wifi (optional)
Free Attendance software	Support exporting excel attendance report with U disk
Shift	Support shift setting and importing shift schedule with U disk
Management Software	Support PC software to manage data through network connection with equipment
Access Control Function	Door unclosed alarm, forced door opening alarm, alarm linkage and output, one set of door opening signals, one set of alarm signals, time permission control, connect external access control reader, Wiegand 26/34 output input
Environmental adaptability	Working temperature: -15°C~+45°C (storage temperature -40°C~+65°C) , Working humidity: 20%~90% (storage humidity 20%~90±2%) , Dark enviroment: LED Soft light automatic fill light (Automatic control according to ambient light) Ambient light adaptation range: 0-50000Lux
Multi language	English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc
Broadcase and ring	Support display name, voice broadcase name, builtin bell ring
Automatic fill light	Support infrared fill light, the white fill light automatically lights up when face is captured in dark light
Working Current	stand-by current: 310mA , Working current: 520mA
QR Code Scanner	Support
Working Voltage	DC12V
Installation Way	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand
Device Dimension	187.5x87.5x26mm
Color box dimension	257x171x90mm
Carton dimension	Size: 480x438x229mm, 12Kg/carton, 10units/carton

## Standalone Access Control V-KEYPAD-S

\* Digital backlit  
Keypad



### Feature:

Multifunction standalone device :

- Can be used as WG26 card reader

Capacity:

- 2000 card users, 2000 pin users

Three way door open methods:

- Card, Pin, Card + Pin

Backlit keypad:

- Can operate keyboard in dark night

### Technical parameters:

Card type: EM

Capacity: 2,000

Environment Humidity: 10%~90%

Lock output: ≤3A

Working voltage: DC12V±10%

Static electricity: ≤30mA

Alarm output: ≤20A

Output short circuit protection time: ≤100μS

Card read distance: 5~8cm

Ambient temperature: -45°C~60°C

Door Opening Time: 0~99s(Adjustable)

Dimension: 92 x81x20(mm)

## Touch Keypad Access Control V-KEYPAD-TS

\* Digital backlit  
Touch Keypad



### Feature:

Multifunction standalone device :

- Can be used as WG26 card reader

Capacity:

- 2000 card users, 2000 pin users

Three way door open methods:

- Card, Pin, Card + Pin

Backlit touch pad keypad:

- Can operate keyboard in dark night

### Technical parameters:

Card type: EM

Capacity: 2,000

Environment Humidity: 10%~90%

Lock output: ≤3A

Working voltage: DC12V±10%

Static electricity: ≤30mA

Alarm output: ≤20A

Output short circuit protection time: ≤100μS

Card read distance: 5~8cm

Ambient temperature: -45°C~60°C

Door Opening Time: 0~99s(Adjustable)

Dimension: 116 x71x22(mm)

## Waterproof Keypad Access Control V-KEYPAD-WS

\* Technology lead  
\* Waterproof  
\* Anti-vandal



### Feature:

Waterproof IP68, Metal Case, anti-vandal

- Can be used as WG26 card reader

Capacity:

- 2000 card users, card or pin

Three way door open methods:

- Card, Pin, Card + Pin

Backlit keypad

WG26 input/output

W/ doorbell button, can connect to doorbell

### Technical parameters:

Card type: EM

Waterproof degree: IP68

Environment Humidity: 10%~90%

Lock output: ≤3A

Working voltage: DC12V±10%

Static electricity: ≤30mA

Alarm output: ≤20A

Output short circuit protection time: ≤100μS

Card read distance: 5~8cm

Ambient temperature: -45°C~60°C

Door Opening Time: 0~99s(Adjustable)

Dimension: 118 x56x20(mm)



### Features:

- \* Zinc alloy case, durable, anti-vandal
- \* 1000 Fingerprint users, 2000 card users
- \* Wiegand interface: wiegand 26
- \* Remote control / Master card for programming
- \* Anti-magnetic & lock output current short protect;
- \* Can connect external EM/IC/HID WG26 reader
- \* DC input: 12DC, 100mA

VFP-W01S - Series Standalone Fingerprint access control, as traditional it is in metal shell, anti-vandal, supports fingerprint, besides, VFP-W01S support RFID card (125KHZ EM card) and wiegand interface. The high security and more powerful feature make it an ideal choice for door access. By Remote control or Master card for programming, it is so user friendly that anyone can use it.

User capacity 3000, including 1000 fingerprint users and 2000 RFID card users. With the flexible user capacity, it is suitable to be installed from small house such as personal rooms, shops, office to public place such as large factories, companies.

### Specification:

Model	VFP-W01S
Input Voltage	DC 12V±10%
Idle Current	Max 20mA
Active Current	Max 80mA
User Capacity	Fingerprint:1000; Card:2000
Card Type	EM 125KHz card
Card Reading Distance	3~6CM
Operating Temperature	-20-50 degree centigrade
Operating Humidity	20%RH-95%RH
Resolution	450 DPI
Fingerprint Input Time	<1S
Identification Time	<1S
FAR	<0.0000256%
FRR	<0.0198%
Structure	Zinc Alloy
Dimension	115mm*70mm*35mm