AI Dynamic Face Recognition Access Control

√ Dynamic face recognition √ Password
√ ID/IC card optional

5000 Card

0.5~2.5 meters
Recognition Distance

5000 Face

≤.02s
Recognition Speed

WDR
2MP Colorful WDR

4.3 inch
Screen Display

Touch Scree

Multi Language

Access Control

2MP
Infrared live camera

Web Based Cloud Software

99.70%
Face Recognition Accuracy

Support mask detection

Mask-wearing recognition

LED
support LED and infrared light compensation at night

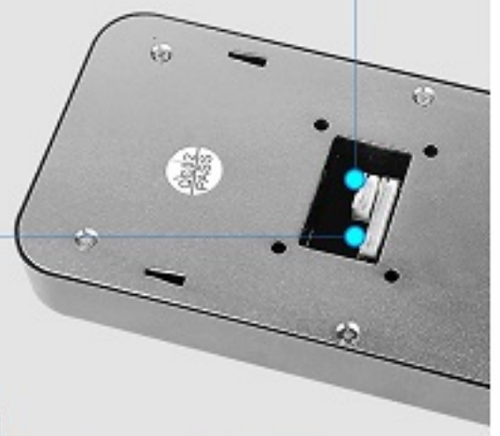
LCD display
4.3 inch touchable LCD display

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

Card reader

TCP/IP

VCC
GND
EXIT
NO
NC
WG_D0
WG_D1
BEL-
BEL+



Specifications

Screen	4.3 Inch Touch Screen
Keypad	Touch keypad
Operation system	LINUX 3.10
CPU	800M single-core ARM Cortex-A7
NPU	800G (0.8T) computing power
RAM, ROM	256M DDR3L, 4G EMMC
Camera	2MP color camera + 2MP infrared camera
Live detection	Dynamic dual-camera anti-counterfeiting, to prevent all kinds of black-and-white, color photos and videos from deception
Logs capacity	500000
Verification	Face recognition, password, ID Card(IC card optional)
Face capacity	5000
Card Capacity	5000
Password Capacity	5000
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2s
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
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	USB2.0x1，Support U disk import/export data
Power supply	DC12V 1A
Network Communication	TCP/IP, USB, Wifi
Free Attendance sofware	Local software and web based cloud software
Mask Detection	Support mask detection and face recognition with mask on
Access Control Interface	Lock output Doorbell output/external ring/alarm (1 of 3) Weigand input/output
Environmental adaptability	Working temperature: 0~45℃
	Working humidity: 20% ~90%
	Dark enviroment: LEDSoft light automatic fill light (Automatic control according to ambient light)
Muti language	Support 20 national languages and voices including English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc