



HF-X05

IRIS AND FACE RECOGNITION

MULTI-FUNCTION IDENTIFICATION/HIGH SECURITY/WATERPROOF AND DUSTPROOF



Iris



Fingerprint



Face Recognition



RFID Card



Android 11

Function Introduction

New product X05, delicate outlooking design, metal shell, frosted texture. Advanced access control function, fully open for programming with Android 11 system. High compatibility and stability.

Multi recognition including face, card, and fingerprint recognition, with a 20,000 large capacity, can be applied to different scenes.

Attendance, security and access control integrated machine. With video intercom let you know the company's affairs anytime and anywhere, and the SMS function for school solutions allows parents and teachers to know whether the students are in school at any time.



Iris



Face Recognition



Fingerprint



Card



Android 11



2GB+16GB



4G



SIM



SMS



Wiegand



Attendance



5 inch touch screen



WiFi



Bluetooth



Type-c/USB interface



Visual Intercom



Secondary kaifa



Network Interface



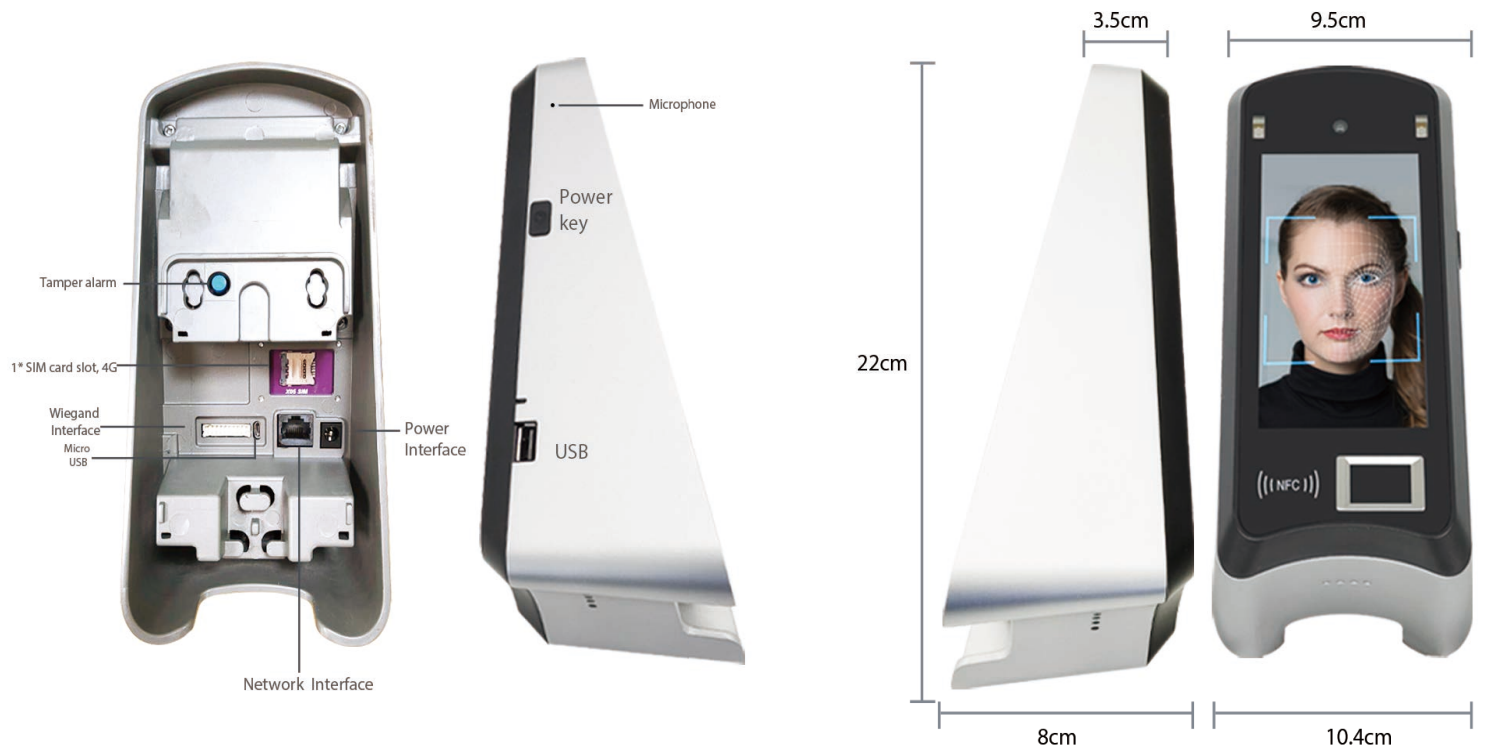
5inch 720*1280



Advanced Access Control


Product display





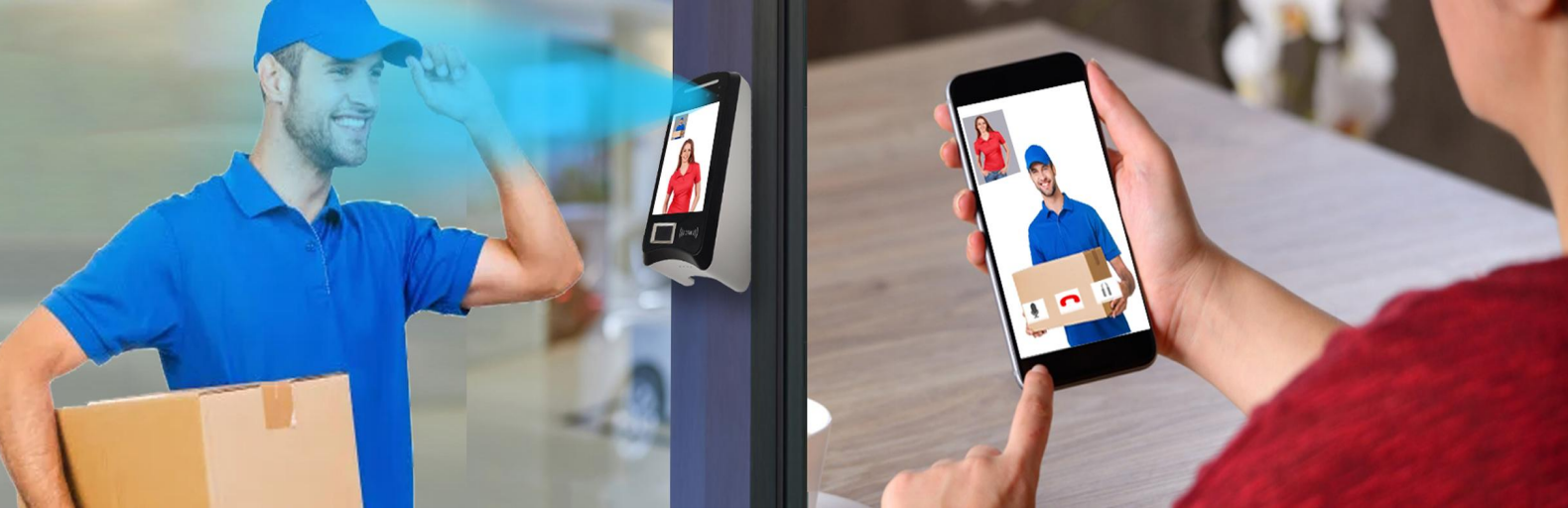
Identify




Radio Frequency Identification
 Support ISO/IEC14443
 ID card / UHF RFID Optional
 Type A & B, 13.56MHz

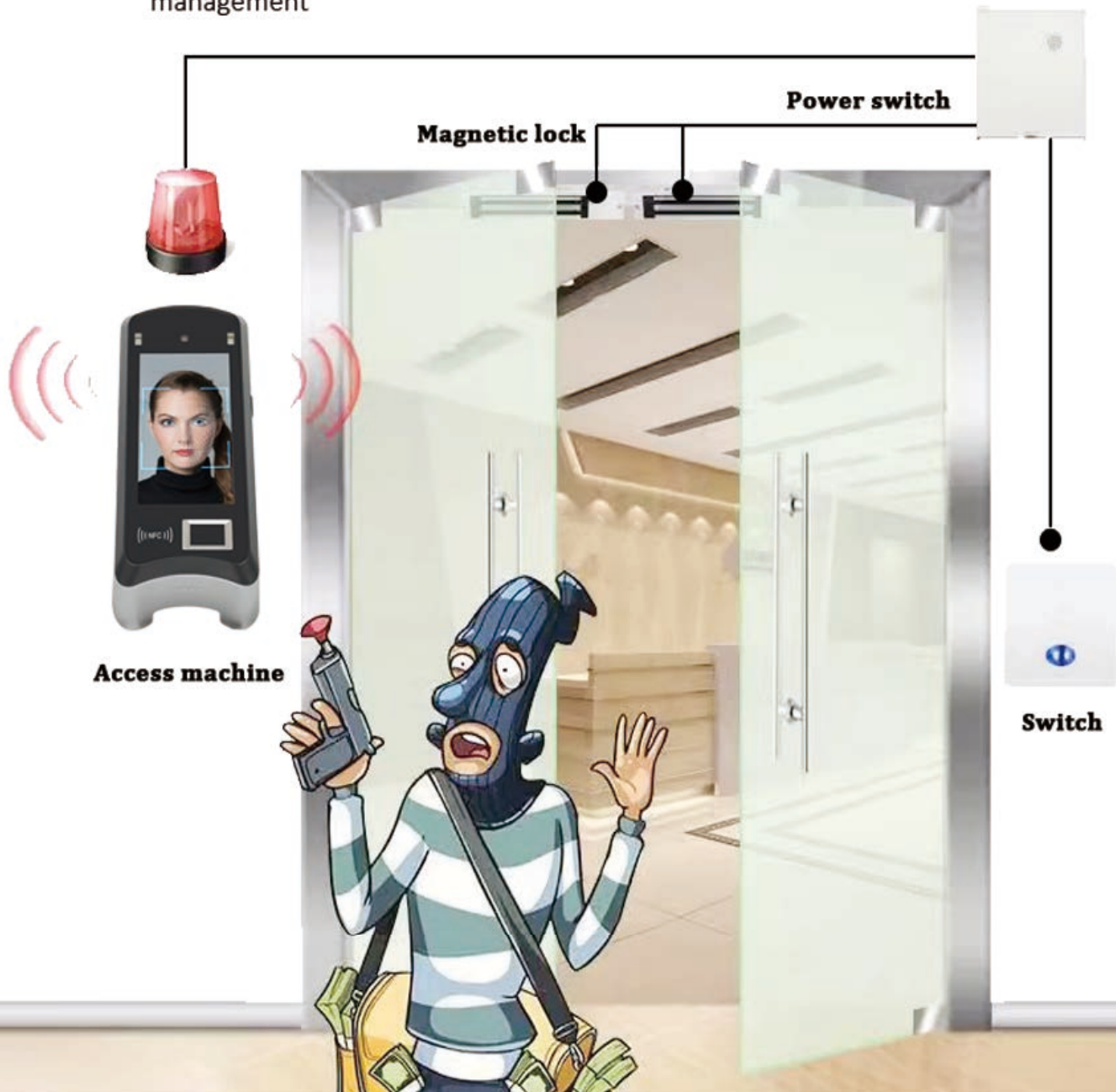



Fingerprint Recognition
 Capacitive fingerprint sensor
 Support ANSI 378/381,
 ISO 19794-2/-4, WSQ



PROFESSIONAL ACCESS CONTROL TO ENSURE PROPERTY SECURITY

Anti-disassembly, door not closed alarm, slope alarm, alarm linkage, fire alarm, Wiegand 26/34/37/56/68/72/RS485/RS232/input and output, personnel authority management



SUPPORT POE POWER SUPPLY NETWORK CABLE POWER CORD 2-IN -1

Realize network cable power supply, no power supply 1 a network cable can be connected



Power-free



Switch-free



Power cord-free



Power cord-free

Network Connection



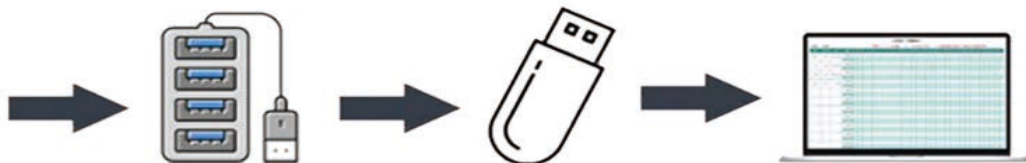
MULTIPLE METHODS

Support U disk, TCP/IP, Type-C to export attendance data



USB EXTENDER/U DISK EXPORT ATTENDANCE REPORT

Can import/export, manage attendance data



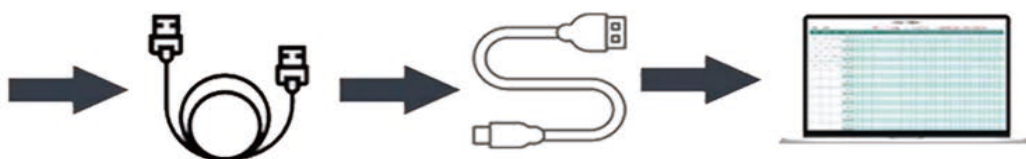
Support USB extender to export data/charge

U disk export data



SUPPORT TCP/IP, TYPE-C ATTENDANCE DATA TRANSMISSION

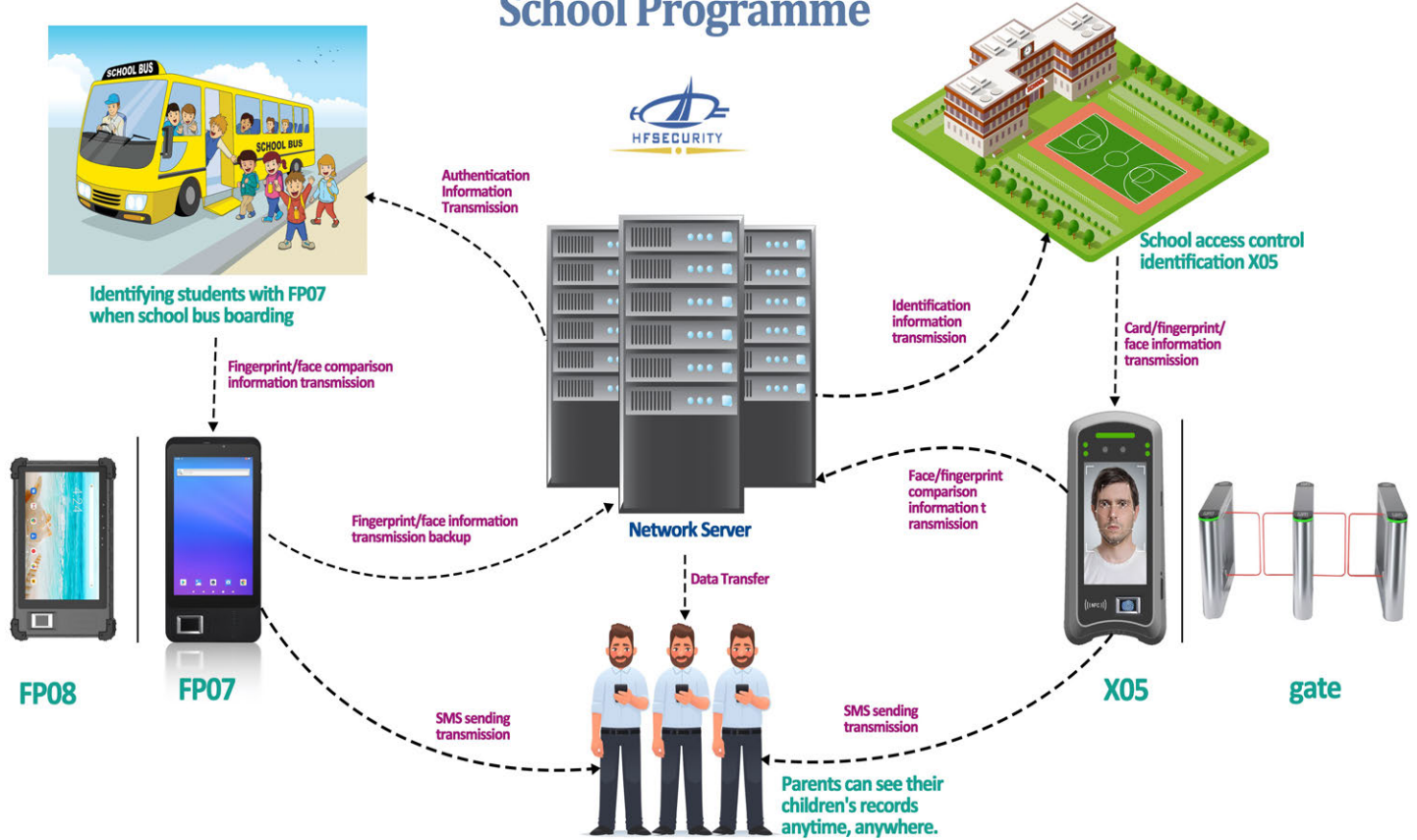
Support TCP/IP, Type-C import/export data, attendance management



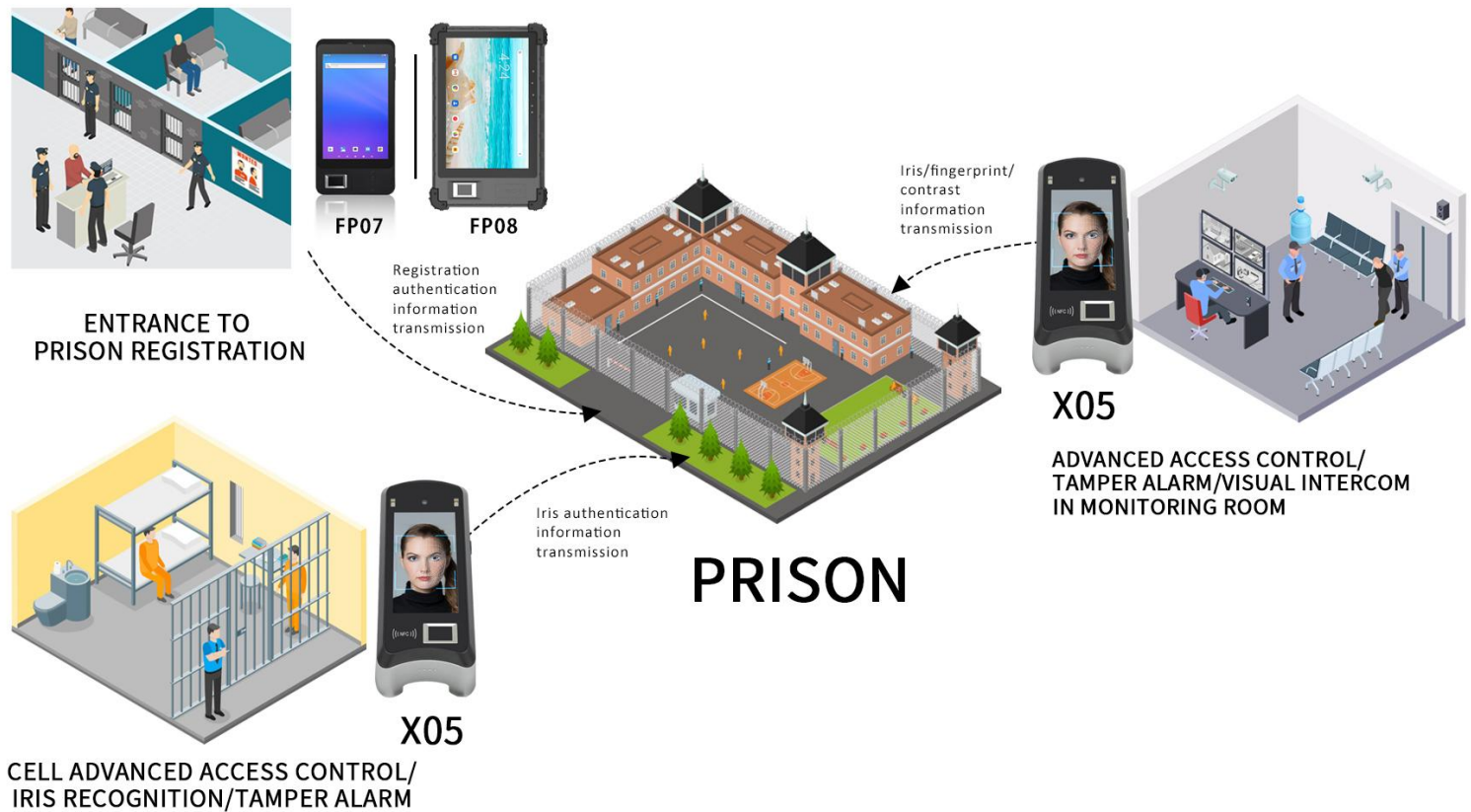
Support TCP/IP data transmission

Support Type-C data transmission/charging

School Programme



PRISON PROGRAM





MINE SCHEME



MINE MOBILE IRIS RECOGNITION AUTHENTICATION REGISTRATION



FP08

Iris authentication/ registration vs. information transmission



GATE



X05

Card/fingerprint/face/ iris comparison information transmission

IDENTIFICATION OF WORKERS ENTERING THE MINE



MINE

Iris authentication information transmission



MINERS USE IRIS TO IDENTIFY ACCESS CONTROL ATTENDANCE

X05



BANK PLAN



GATE



X05

Card/fingerprint/face/ iris comparison information transmission

ENTER THE BANK FACE/IRIS/GATE TO DETERMINE IDENTITY INFORMATION RECOGNITION



BANK



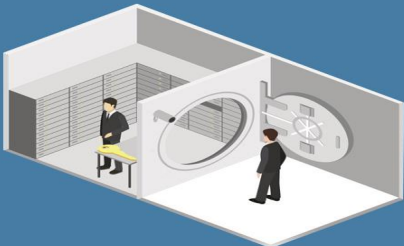
FP07



FP08

Registration/Transfer of Identification Information

BANK SENIOR VIP CUSTOMER MOBILE REGISTRATION IDENTIFICATION REGISTRATION



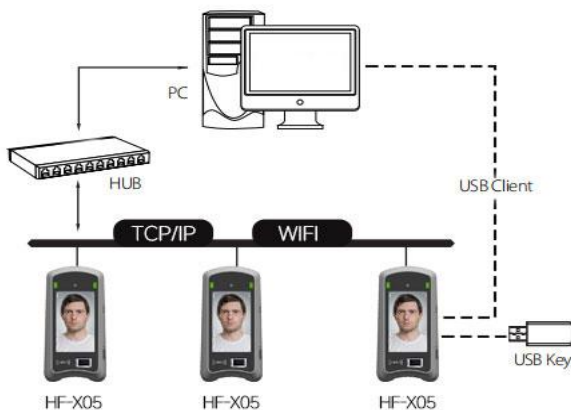
FOR BANK VAULTS/ARCHIVES ADVANCED ACCESS CONTROL/ALARM/TAMPER ALARM/IRIS RECOGNITION FUNCTION



X05

Multi-factor authentication vs. information transmission

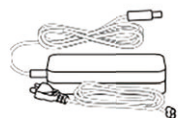
Configuration



HF-X05



Back Plate



Power Adapter



Screws and Holders



Backup Battery (Optional)

SPECIFICATION

OS	Android 11
LCD	5inch 720*1280
Dimension	225mm(L)*115mm(W)*11.5mm(H)
Camera	5.0M (RGB Camera); 2.0M (Infrared Camera)
Battery	Support DC 4.3V 3000mAh
12V Input	Support
RFID	Support ISO/IECC1443 Type A&B, 13.56MHz
GPS	Support
G-Sensor	Gravity acceleration sensor
Speaker	Built-in stereo speaker 8 • /1.5W
Mic	Built-in microphone
Touch Panel	Capacitive panel, multi-point touch, G+G -
Storage Temperature	5°C -60°C

HARDWARE

CPU	MT8768, Octa-core 2.3GHz 2GB
RAM	2G (Optional 4G or more)
ROM	16GB (Optional 32G or more)
OTA	Support

OTHER

Standard	CE, FBI, GMS
ODM	Logo
Protective silicone cover	Optional

CARD SLOT

SIM Card	1* SIM card slot, 4G
SMS	Support

Iris camera

CMOS photosensitive chip	1/2.8sensor
Maximum resolution	1920(H)x1080(V)
Sensor Pixel Dimensions	2.9um x 2.9um

Iris camera

Image transmission rate	1920*1080/30fps
Distortion	TVDistortion<1.0%
CRA	<23.58°
Lens temperature range	-20°/+80°
Lens structure	2P+2G
Focus distance	37cm
Depth of field	32-42CM
Video output compression format	MJPEG/YUY
Working wavelength	810nm
Dynamic range	60dB

FINGERPRINT SENSOR

Sensor	FBI Certificated Fingerprint Sensor(FAP10)
Image Resolution	508DPI
Image Area	18.00mm*12.80mm
Image Size	256*360 pixels
Gray Scale	5-bit(256levels)
Standard	Support ANSI378/381, ISO19794-5/-4
Image Format	WSQ, RAW, jpg, etc
API Calling for 1-to-N Matching	Support

COMMUNICATION

Wi-Fi	2.4GHz / 5.0GHz
Bluetooth	Bluetooth 5.0
USB	USB-A; Micro USB
POE	Support
Wiegand	26/34/37/56/64/input&outputRS232/RS485
NO NC COM Button	Support
Doorbell	Support
Open button	Support
Door Magnet	Support
RJ45 LAN	Support



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YouTube

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.