



HF-X05

IRIS AND FACE RECOGNITION

MULTI-FUNCTION IDENTIFICATION/HIGH SECURITY/WATERPROOF AND DUSTPROOF



Iris



Fingerprint



Face Recognition



RFID Card



Android 11

HF-X05

Efficient security biometric access control



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



Iris recognition
Support the use of front camera for iris recognition, support Megvii face recognition Optional Iris Recognition

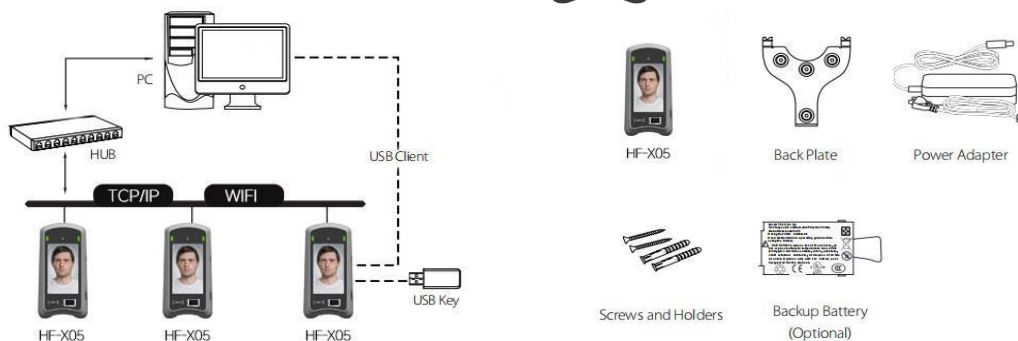


Face Recognition
supports face recognition using front/rear cameras, and supports Megvii Face Recognition Optional iris recognition



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

Configuration



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/IEC1443 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 ~60

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
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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	MJPG/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, ISO19794-2/-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
RJ45 LAN	Support
Door Magnet	Support
Doorbell	Support
Open button	Support
Wiegand Input	Support
Wiegand Output	Support
RS232/RS485	Support

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