



## Horus H1

Hybrid Biometric & QR code Handheld Mobile  
Time Attendance Terminal



5.5"  
Touch Screen



Embedded 5200mAh  
Li-ion Battery



Android 10.0



IP65



NFC



QR Code

Compatible with



Time

Compatible with



CVSecurity



Horus H1 is a multi-functional handheld portable terminal with industrial design which can integrate built-in Face Recognition, RFID, Barcode, NFC, Fingerprint and other functions.

Horus H1 also embedded GPS chip for locating attendance, support on plentiful communication protocols (Wi-Fi, 3G, 4G, Bluetooth) can make the method of attendance more diversified and flexible. It is suitable for corporate personnel inspection, factories and construction sites.

## Features

- 5.5 inch IPS LCD HD display (720\*1440)
- 5 MP+13 MP front and rear camera
- Support 2.4GHz/5.0GHz Wi-Fi, Bluetooth, 4G, GPS, NFC
- Embedded 5200mAh li-ion battery, support up to 5 operating hours
- Support high-speed and accurate QR code/barcode scanning
- Facial recognition distance: 0.3m to 2m. Facial recognition speed <1s/ User; Facial recognition accuracy rate  $\geq 99\%$
- Support mask detection
- Slender design
- IP65 water and dust proof standard

## Specifications

System	
Operation System	Android 10.0
CPU	64bit Octa-core Cortex-A73 CPU, 2.0GHz
Storage	4GB RAM/64GB ROM, Micro SD card (max 256GB expansion)
SDK	PUSH SDK
Display	5.5 inch IPS Capacitive LCD touch screen
Screen Resolution	720*1440
Camera	Dual Lens Rear camera (13 megapixels); Front camera (5 megapixels)
QR Code & Barcode	Dynamic QR codes on the ZKBioSecurity mobile application QR code, PDF417, Data Matrix, MicroPDF417, Aztec scanning in third-party development projects
Supported Card Type	ISO14443A&15693, NFC-IP1, NFC-IP2
Communication	
3G/4G	TDD LTE Band 38, 39, 40, 41 FDD LTE Band 1, 2, 3, 4, 5, 7, 8, 12, 17, 20 WCDMA (850/1900/2100MHz) GSM/GPRS/Edge (850/900/1800/1900MHz)
WLAN	2.4GHz/5.0GHz Dual Frequency IEEE 802.11 a/b/g/n/ac
Bluetooth	Bluetooth Class v2.1+EDR Bluetooth v3.0+HS Bluetooth v4.2
GPS	GPS (embedded A-GPS), Glonass (accuracy distance of 5m)
Performance	
Card Reading Distance (NFC)	3cm-5cm max.
Biometric Authentications	Face, Fingerprint (optional)
Facial Recognition Algorithm	ZKFace 5.6.2
Facial Recognition Distance	0.3m to 2m
Facial Recognition Speed	< 1s
Facial Recognition Accuracy Rate	≥ 99%
Fingerprint Sensor Type	Semiconductor
Fingerprint Comparison Time	≤0.5s
Capacity	
User Capacity	50,000
Face Capacity	50,000
Fingerprint Capacity	30,000
Card Capacity	50,000
Logs Capacity	1,000,000
Interface	1*USB 2.0 Type-C
Protection level	IP65
Supported Software	BioTime 8.0, ZKBio Security, ZKBioCV Security
Firmware Functions	Push, Schedule Bell, Automatic Status Switch, Record Query, Groups, Holidays, DST, Workcode, Duress Mode (Password & Fingerprint), Customization of Wallpaper & Screen Saver
Language	English, Korean, Latin American, Indonesian, Vietnamese, Traditional Chinese, Portuguese, Spanish, Farsi, Japanese, Russian and Thai

## General

Power Supply	5V 2A
Embedded Li-ion Battery	5200mAh
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Working Humidity	<90% RH
Storage Humidity	<90% RH
Operating Environment	Outdoor
Gross Weight	400g
Weigh with Packaging	700g
Dimensions (H*W*D)	170mm*80mm*20mm (6.7in*3.1in*0.8in)
Certifications	ISO9001, ISO14001, CE, FCC

## Applications



## Dimensions (mm)

