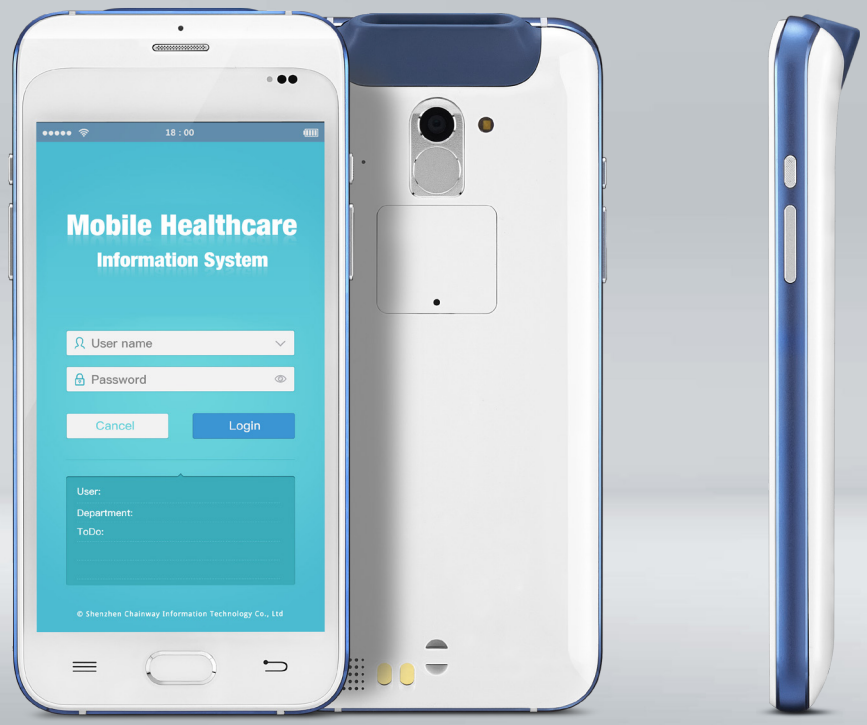
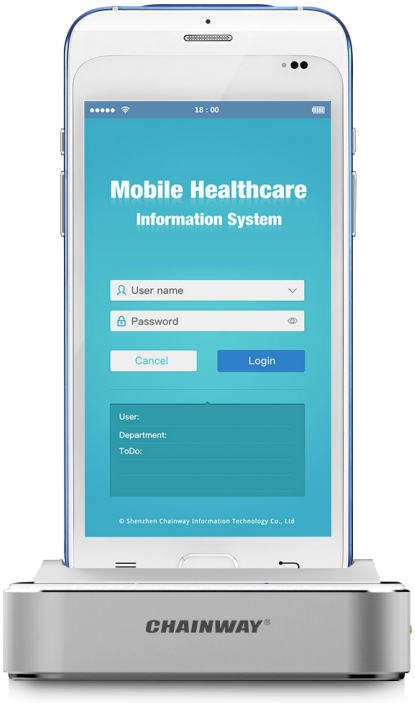
CHAINWAY



H100

Healthcare Mobile Computer

Android
4G
WiFi
Bluetooth
1D Barcode
2D Barcode
Fingerprint
NFC
Camera
GPS



Chainway H100 is a mobile computer especially designed for healthcare. It is ultra-thin and pocketable enough to satisfy all healthcare providers. H100 proves it to be a valuable tool to generate enhanced patient outcomes and at the same time, to lift hospital management level.

Specification

Physical Characteristics

Dimension	154.8*73.8*14.5mm/6.09*2.91*0.57in
Weight	227g/8.0oz
Display	5.0 inch high-resolution (1920*1080) LTPS LCD screen
Touch Panel	Multi-point capacitive touch panel, supporting operation with gloves and wet hands
Power	Main battery: Li-ion, rechargeable, built-in 4000mAh
	Standby: over 300 hours
	Continuous use: over 12 hours (depending on user environment)
	Charging time: 3-4 hours (with standard AC adaptor and USB cable)
Expansion Slot	2 Micro SIM slots, 1 TF slot
Interface	USB 3.0, Type-C, OTG
Audio	Speaker, microphone; supporting voice calls
Keypad	1 power key, 2 scan keys, 1 multifunctional key, 3 TP soft keys
Sensor	Gravity sensor, light sensor, proximity sensor, vibration motor
Pupil Lamp	Yellow LED light

Performance

CPU	MSM8953 2.0GHz Octa-core
RAM+ROM	3GB+32GB
Expansion	Supports up to 128 GB Micro SD card

User Environment

Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.5m/4.9ft drops to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m/1.64ft falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±15KV air discharge, ±6KV conductive discharge

Developing Environment

Operating System	Android 7.1
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse/Android Studio

Communication

WLAN	IEEE802.11 a/b/g/n/ac (2.4G/5G dual band), internal antenna
WWAN(China)	2G: GSM: 850/900/1800/1900MHz, GPRS, EDGE
	3G: CDMA EVDO: BC0
	TD-SCDMA: B34/B39
	WCDMA: B1
	4G: TDD-LTE: B38, B39, B40, B41
	FDD-LTE: B1, B3, B8
Bluetooth	Bluetooth 4.2, BLE
GNSS	GPS/AGPS, GLONASS, BeiDou, internal antenna

Data Collection

2D Imager Scanner	
Scan engine	Zebra SE4710 / Honeywell N3601
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.
NFC	
Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4cm
Fingerprint	
Module	FPS958E
Sensor Type	Capacitive Sensor
Pixel Array	56*56
Camera	
13MP rear	Autofocus with flash

Accessories(See details in Accessory Guide)

Cradle (Optional)

AC Adaptor

USB Cable

Lanyard

Notice: Product specifications are subject to change without prior notice. / Model: H100 / Update Date: 2018-10-16

CHAINWAY®

Shenzhen Chainway Information Technology Co., Ltd

Address: 9F, Building2, Phase 2, Gaoxinqi Industrial Park, Liuxian 1st Rd., Bao'an District, Shenzhen, Guangdong 518102, China

Tel: 0086-755-23223316 Fax: 0086-755-23223310 Email: sales@chainway.cn Web: http://www.chainway.net