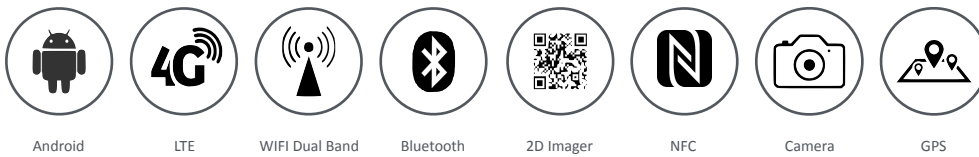
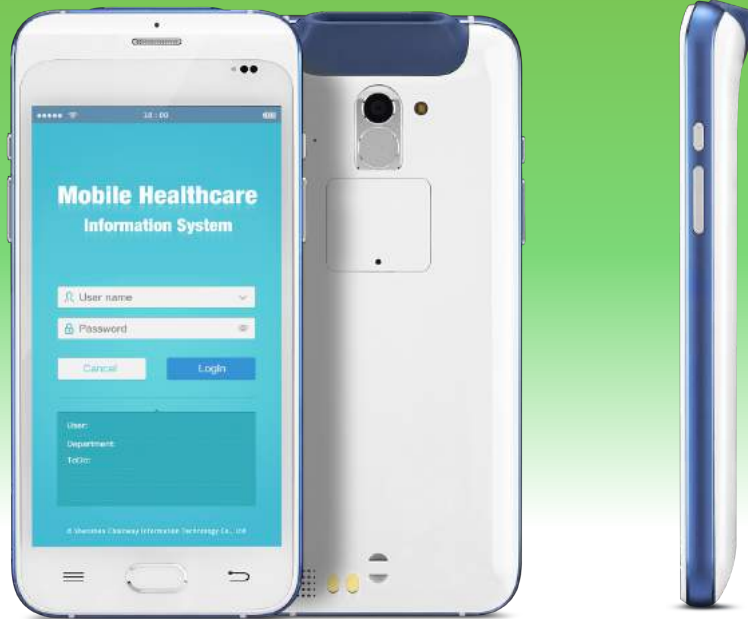


H100

Healthcare PDA



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.



H100 specifications

Physical Characteristics	
Dimensions	154.8*73.8*14.5mm
Weight	227g
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 400 hours Continuous use: over 12 hours (depending on user environment) Charging time: 3-4 hours (with standard adaptor and USB cable)
Expansion Slot	2 Micro SIM slots, 1 TF slot
Interfaces	USB2.0 Type-C, OTG
Audio	Speaker, microphone; supporting voice calls
Keypad	1 power key, 2 scan keys, 1 multifunctional key, 3 TP soft keys
Sensors	Gravity sensor, light sensor, proximity sensor
Pupil Lamp	Yellow LED light

Performance	
CPU	Cortex-A53 Quad-core 1.3GHz
RAM+ROM	2GB+16GB
Expansion	Supports up to 32 GB Micro SD card

Developing Environment	
Operating System	Android 6.0
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment	
Operating Temp.	-20°C to 50°C
Storage Temp.	-40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.5m drops (at least 20 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m falls at room temperature
Sealing	Host IP65 per IEC sealing specifications
ESD	±8KV air discharge, ±4KV conductive discharge

Communication	
WLAN	IEEE802.11 a/b/g/n, 2.4G/5G dual-band with internal antenna
WWAN(Europe)	2G: 900/1800MHz 3G: 900/1900/2000/2100MHz 4G: TDD-LTE: B38, B39, B40, B41
Bluetooth	Bluetooth 4.0, BLE
GNSS	GPS/AGPS, GLONASS, BeiDou with internal antenna

Camera	
Rear Camera	13MP Autofocus with flash

Barcode Scanning (Optional)	
2D Scan Engine	Zebra SE4710 / Honeywell N3601
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSS, etc.
2D Symbolologies	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.

RFID	
NFC	
Frequency	13.56MHz
Protocoll	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4cm



Charging Cradle



AC Adapter



USB Cable

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H100_EN V2.0



TechSigno srl is an independent company that build RFID system and intelligent objects for multimedia, industrial, transportation, medical, and wireless applications. Working closely with our customers, we meet the specific made-to-order demands of our customer to achieve maximum functionality, efficiency, reliability and therefore satisfaction.

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CHAINWAY®

Chainway is a leading manufacturer of rugged mobile computers and fixed data terminals in China. Founded in 2005, it headquarters in Shenzhen. For the past decade, Chainway has delivered data collection devices, including handheld RFID reader, fingerprint reader, barcode scanner and etc, to thousands of customers around the globe. We work with a worldwide network of distributors, system integrators and software developers to offer complete and professional data collection solutions to customers from a variety of areas.