iData 80 Healthcare Mobile Computer

Design for medical personnel, supports multiple mobile healthcare applications

➤ Extra-large screen, HD full view display + medical light

- An industry-leading 5.7-inch extra-large screen, 18:9 full view display, which is more comprehensive, thus easily checking the medical information.

- **Equipped with an easy access to the flashlight, so as to facilitate** medical personnel can easily collect the nursing data under different environments.

➤ Professional bar code scanning engine + efficient data transmission

- **Equipped with the most powerful 2D scanning engine in the industry**, iData 80HC can accurately and quickly read barcodes on patient's wrist straps, transfusion bags and transfusion bottles.

- **iData 80HC supports dual band Wi-Fi (2.4GHz / 5GHz) wireless and supports 4G network**. It provides faster and more stable wireless communication for healthcare data transmission.

➤ iData Series Enterprise Applications

- **iData self-developed Enterprise apps (iSeries Apps)**, among many others, it includes the iLauncher (Kiosk or Lock-down mode) where admin can customize which apps and features are available for the users of the iData 80.

- iData MDM makes the information department manage all the PDAs of the hospital easily and alleviate the management maintenance pressure.

➤ Lighter, safer and more durable

- iData 80HC weights only 240g. The medical-grade antibacterial shell can effectively avoid cross infection.
- iData 80HC boasts an ultra-fast fingerprint sensor so you can swift unlock the mobile computer; supports multiple fingerprint recognition applications, supports all enterprise mobile applications;
- iData 80HC is very rugged, meets IP65 protection grade and 1.5-meter drop standard on the cement.

System Configuration

CPU	High-performance octa-core 1.4 GHz processor
Operating System	Android 7.1
Memory	16 GB ROM+2 GB RAM
Expansion Slot	Micro SD card, up to 32 GB
Display	5.7-inch, 1440 x 720 High resolution (18:9 full view display)
Touch Panel	Industrial-grade capacitive touch panel
Camera (optional)	13 MXP autofocus camera in the back side, autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	3 front keys, 4 side keys, Power key
Battery	3.8 V 4000 mAh rechargeable lithium polymer battery
Audio	Built-in microphone /Type c USB
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Fingerprint module	Capacitive fingerprint module

Structural Parameters

Dimensions (LxWxD)	162 mm x 78.8 mm x 15.5 mm (max thickness 22mm)
Weight	240g (battery included)

Communication Transmission

Wireless WAN (Network frequency)	GSM/GPRS: 850/900/1800/1900 MHz WCDMA: B1/B2/B5/B8, EVDO 800 MHz, TD-SCDMA:B34/39 UMTS / HSPA+ Primary bands 1/8. LTE Bands 1/3/5/7/8/20/38/39/40/41
Wireless WAN (Data service)	GPRS/EDGE/TD-SCDMA/TDD-LTE
Wireless LAN	Wi-Fi 802.11a/b/g/n/ac (Dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 4.1
GPS	Supporting GPS/AGPS/Glonass/Beidou Compass

Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-10℃ ~ 50℃
Storage Temp.	-20℃ ~ 60℃
Relative Humidity	0 ~ 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground
Sealing	IP65
Electrostatic Discharge	Conforms to ±15 kV air discharge, ±8 kV direct discharge

2D Area Imager

Optical Resolution	≥ 3 mil
Scan Angle	Omnidirectional
Scan Speed	300 scans/sec.

NFC

Frequency	13.56 MHz
Reading Distance	Within 10 mm
Protocol	ISO14443A/14443B/15693

Input / Output Ports

USB Port	1 (Type c USB port)
Charger Port	1

Accessories

Standard	USB cable, Power adapter, Hand strap, Quick guide, Guarantee brochure, External packing
Optional	4-slot charging stand

iData, high performance and high reliability.