iData 70 Mobile Computer

➤ **Working more efficiently through extremely speedy data collection**

- The latest industry-level scanning engine ensures high sensitivity and accuracy;

- Streamlined systematic data collection process results in an increased scanning speed;

- Scanning and verification can be done in one step thanks to the new design of ergonomic scanning angle;

- Data collection with NFC, GPS positioning, high-definition camera or by other means is supported, so as to enable professional, precise and efficient collection of business data.

➤ **Data transmission becoming more efficient and timely**

- 4G wireless communication across the entire network to meet the needs of on-demand network selection and to meet more complex scenarios;

- Dual-band Wi-Fi technology, enable free switch and transmission between two channel frequencies, and make the signal stronger and more stable;

- Bluetooth 5.0 transmission technology, the transmission speed is increased by 2 times, the effective working distance can reach 300 meters, and the transmission distance is faster and farther.

➤ **Long-life battery supporting full-day operations**

- 5000mAh li-polymer safe battery is used to support full-loaded operations;

- The use of low-energy-consuming chipset and optimized system result in more efficient and less energy-consuming operations;

- Fast recharging technology is adopted to shorten the recharging time by 40% and further extend the battery life.

System Configuration

CPU	Octa-core 2.0 GHz
Operating System	Android 10.0
Memory(ROM+ RAM)	16 GB+2 GB (Support 32+3/64+4/128+6)
Expansion Slot	Micro SD card, up to 256 GB
ESIM	Optional
Display	4-inch, 800 x 480
Touch Panel	Industrial-grade capacitive panel
Camera (optional)	8 MP (optional 13MP) autofocus camera in the back side , autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	20 front keys, 4 side keys , Durable industrial IMD keypad with interior transmission light
Battery	3.8 V 5000 mAh rechargeable lithium polymer battery
Backup power	Optional
Audio	Built-in microphone / Type-C
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	Vibrating motor /G-Sensor/ Proximity sensor/Light sensor/Geomagnetic/ Gyroscopes

Structural Parameters

Dimensions (LxWxD)	159 mm×71 mm×20 mm
Weight	262 g (battery included)

Communication Transmission

Wireless WAN (Network frequency)	Asia & Europe： 2G： B2/B3/B5/B8 3G： WCDMA： B1/B5/B8 CDMA BC0 TD-SCDMA:B34/B39 4G： FDD-LTE： B1/B3/B5/B7/B8/B20 TDD-LTE： B34/B38/B39/B40/B41 America： 2G： B2/B3/B5 3G： B1/B2/B4/B5 CDMA&EVDO： BC0/BC1(U.S.A) 4G： B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41
Wireless WAN (Data service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE

Wireless LAN	Wi-Fi 802.11a/b/g/n/r/ac（Dual-band Wi-Fi: 2.4G+5G) Wi-Fi 5G PA amplifier
Bluetooth	Bluetooth 5.0
GPS	Support :GPS/AGPS/BEIDOU/GALILEO/GLONASS/QZSS

Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-20℃ ~ 60℃ (-4℉ ~ 140℉)
Storage Temp.	-40℃ ~ 60℃（-40℉ ~140℉) battery included -40℃ ~ 70℃（-40℉ ~158℉) battery not included
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

1D Laser Scanner

Scan Precision	5mil
Rotate Angle	±35°
Pitch Angle	±65°
Skew Tolerance	±50°
Ambient Light	Sunlight: 10,000ft. Candles (107,640Lux)
	Artificial Light: 450ft. Candles (4,844Lux)
Scan Frequency	104±12 /sec
Laser Safety Grade	Class II
Code Support	UPC/EAN, POST, Code 128, Code 39, Code 93, Code 11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSSI, etc.

1D / 2D Area Imager

Scan Precision	3mil c39/128
Rotate Angle	360°
Pitch Angle	±45°
Skew Tolerance	±65°
Scan Frequency	1 scans /50ms
Laser Safety Grade	Class II
Image Resolution	844(H)×640(V)
Image Frame	60fps
Light Source System	White light, laser aiming
Minimum Printing	20%

Contrast	
Code Support	Aztec Code , Codabar , Codablock F , Code 11 , Code 128 , Code 2 of 5 , Code 39 , Code 93 , Data Matrix , EAN/JAN-13 , EAN/JAN 8 , EAN-UCC Composite Codes , EAN-UCC Emulation , IATA Code 2 of 5 , Interleaved 2 of 5 , Matrix 2 of 5 , MaxiCode , MicroPDF417 , MSI , PDF417 , Postal Codes（ Australian Post , British Post , Canadian Post , China Post , Japanese Post , Korea Post , Netherlands Post , Planet Code , Postnet）, Plessey Code , PosiCode , QR Code , RSS Expanded , RSS Limited, RSS-14 , TCIF Linked Code 39 , Telepen , Trioptic Code , UPC-A , UPC-E, etc.

NFC （Optional）

Frequency	13.56 MHz
Reading Distance	Within 60 mm
Protocol	ISO14443A/14443B/15693

Input/Output Ports

USB Port	1（Type-C），Support Type-C headset function
Charger Port	1

Accessories

Standard	Battery, Power adapter, Wrist strap, Hand strap, Bottom charging cable, USB cable
Optional	Single cradle, 4-slot cradle, 4-slot battery cradle, Carry case, Screen protector, Waist bag，Extended back clip，Bottom charging cable