iData Mini UHF Mobile Computer

Small and light, implement RFID store application easily

➢ Ultra low power + WiFi

• MIPS architecture solution design, the device can work for up to 12 hours.

• Supports 802.11 b/g/n communication, faster and more stable wireless communication technology, provides reliability for critical data transmission.

➢ Stable data acquisition performance

• Equipped with UHF acquisition module, it has label management of clothing and materials, realizes efficient inventory management and sales management of private commissions, supports smart store applications.

• Optional 2D scanning engine for customized applications such as mobile payment and barcode binding.

➢ Support HTML5

• Make application development as simple as WeChat applets.

• Adopting the mainstream Google Chromium kernel, fast and stable.

iData, high performance and high reliability.

♦ Quickly operate scanning heads, RFID and other hardware devices through JavaScript.

♦ Applications can be deployed on the device side or in the cloud for easy maintenance upgrades.

➤ Light weight and durable

♦ Slim design, weighted 160 grams only, it is easy to carry around, and it is not too tired to use for a long time.

♦ Rugged and durable, it meets the drop standard of 1.2-meter drops to concrete ground.

System Configuration

CPU	High-performance quad-core 1.0 GHz processor
Operating System	Linux
Memory	128 MB ROM+256 MB RAM
Display	2.4 inch, 320 x 240 display
Keypad	21 front keys, 2 side keys , Power key
Battery	3.7 V 1600mAh rechargeable lithium polymer battery
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor

Structural Parameters

Dimensions (LxWxD)	150 mm× 54 mm×18 mm
Weight	160g (battery included)

Communication Transmission

Wireless LAN	Wi-Fi 802.11b/g/n (Dual-band Wi-Fi: 2.4G)
Bluetooth	Bluetooth 4.0

Operating Environment

Programming Language	HTML5
Operating Temp.	-10℃ ~ 50℃ (14℉ ~ 122℉)
Storage Temp.	-20℃ ~ 60℃ (-4℉ ~ 140℉)
Relative Humidity	0 ～ 95% (non-condensing)
Drop Specification	1.2-meter drops to concrete ground
Electrostatic Discharge	Conforms to ±15 kV air discharge, ±8 kV direct discharge

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 Contrast	20%
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.

UHF RFID

Frequency	902 MHz - 928 MHz
Reading Distance	Within 1m
Protocol	EPCCI GEN2,18000-6C

Input/Output Ports

USB Port	1 (Type c USB port)
Charger Port	1 (Charging interface at the bottom)

Accessories

Standard	Power adapter, Hand strap, USB Type c cable

iData®

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