Technical Specifications

System Configuration	
CPU	1 GHz high-performance ARM Cortex-A9 processor
Operating System	Android 4.0
Memory	4 GB ROM + 512 MB RAM
Expansion Slot	Mini SD card, up to 32 GB
Display	3.5-inch HVGA (320 x 480), high brightness TFT LCD, LED backlight, RETINA display (640 x 960) optional
Display Material	Toughened glass
Touch Panel	Capacitive touch panel
Camera (Optional)	5 Mega pixel, autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	31-key durable industrial keypad with interior transmission light
Battery	3.7 V 4000 mAH rechargeable lithium polymer battery (6000 mAH battery optional)
Battery Life	12 hours (full-load)
Audio	Built-in microphone
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Operating Environment	
Development Tools	Android SDK + JDK+Eclipse
Programming Language	Java, C
Management Tools	iData Service
Operating Temp.	-10℃ to 50℃
Storage Temp.	-20℃ to 60℃
Relative Humidity	0 to 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground (10 drops each side)
Tumble Specification	500 0.5-m tumbles (1000 hits)
Sealing	IP65
Electrostatic Discharge	Conforms to ±15 kV air discharge, ±8 kV direct discharge
Communication Transmission	
Wireless Voice Communication	2G: GSM 850/900/1800 MHz 3G: WCDMA 900/2100 MHz
Wireless WAN	GPRS/EDGE/WCDMA
Wireless LAN	Wi-Fi 802.11b/g
Bluetooth	Bluetooth 2.0 + EDR
GPS (Optional)	High performance GPS navigation chip

Input/Output Ports	
USB Port	1 (Micro USB port)
Charger Port	1 (DC port)
RS232 Port	1
1D Laser Scanner	
Optical Resolution	⩾4 mil
Scan Depth of Field	3.81cm - 60.98cm
Scan Angle	47° ± 3° (Standard)
Scan Speed	102 ± 12 scans/sec. (Bidirectional)
1D Linear Imager	
Reading Mode	CCD
Reading Accuracy	⩾4 mil
Decoding Speed	300 times/sec. (Max.)
2D Area Imager	
Optical Resolution	⩾3 mil
Scan Angle	Omnidirectional
Scan Speed	300 scans/sec.
Infrared Communication Module	
Built-in Infrared Communication Module	Structure with two emitting tubes, meter reading distance of up to 5 meters, fully supporting DL/T645 protocol and communication protocols of worldwide mainstream meter manufacturers
Interface	Initial rate: 1200 bps, supported rates: 1200, 2400, 4800, and 9600 bps
RFID	
Frequency	13.56 MHz
Reading Distance	Within 50 mm
Protocol	ISO14443A/14443B/15693
Structural Parameters	
Dimensions (LxWxD)	152 mm x 68 mm x 24 mm
Weight	255 g (standard battery included)

Standard accessories

Battery | Power adapter | USB cable/ Charging cable | Hand strap

Optional accessories

1-slot charging & comm. stand | 4-slot battery charger

MC-5395

The New Mobile Computer

CODE SOFT

MC-5395

High Performance
High Reliability

reddot Design directed by
a reddot design award winner

Main Functions

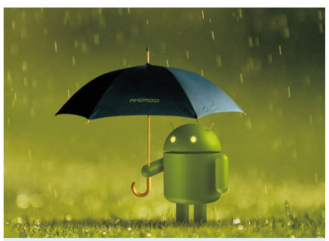
- Supporting Android 4.0 operating system
- Supporting 3G(WCDMA), EDGE, GPRS, GSM, Wi-Fi, Bluetooth and other wireless communication modes
- Supporting 1D/2D barcode scanning or image scanning
- Equipped with a 13.56 MHz HF RFID read/write module for RFID tag reading
- Equipped with an IR communication module for data collection
- Supporting close-range data transmission via Bluetooth 2.0
- Equipped with a built-in autofocus 5 Mega pixel camera for photographing and video recording

IrReady Android GSM GPRS EDGE 3G Wi Fi Bluetooth

Applicable industries

Retail | Consumer goods | Clothing | Logistics | Governments | Public utilities

Five strengths



Advanced configuration

Android 4.0 OS for more compatibility and higher running speed

Brand new UI design offering better user experience

High performance 1 GHz ARM Cortex-A9 processor providing higher running speed

4 GB ROM and 512 MB RAM memory configuration for super large memory capacity

1

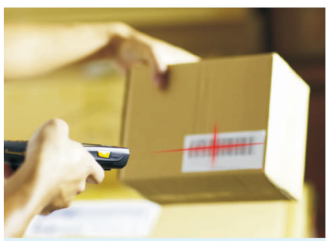
Large screen display

Equipped with a 3.5-inch HVGA (320 x 480 pixels) display screen to provide smoother user experience

Optional 3.5-inch RETINA display screen with higher resolution (640 x 960 pixels)

Capacitive touch screen offering higher sensitivity and better user experience

2



Powerful data collection

Equipped with advanced scanning engines to read not only 1D/2D barcodes normally printed on traditional media, stained, or covered with plastic film but also barcodes displayed on mobile phones and computer screens

Exit window made of Corning® Gorilla® glass for a better scratch-resistance, a higher light transmittance, and more quick and accurate scanning

Equipped with built-in RFID read/write modules to quickly and accurately read RFID tags in batches

3

Multiple wireless communication modes

Supporting multiple wireless communication modes such as WCDMA, EDGE, GPRS and GSM in a wide area network (WAN)

Supporting Wi-Fi transmission in a local area network (LAN)

Supporting Bluetooth 2.0 close-range data transmission

Integrating a high performance GPS navigation chip to provide more accurate positioning

4

Rugged and reliable mobile computer

Meeting IP65 sealing standard for superior dustproof and waterproof performance

Meeting the 1.5-meter drop specification and the 0.5-meter tumble specification (500 tumbles)

Shell molded at one step using PC engineering plastics of General Electric Company

Keys designed with the IMD film printing technology for scratch-resistance and a longer service life

5