

C5000L



C5000L is a mobile data collection terminal with full numeric keyboards, durable, reliable and powerful. It based on Android 5.1 operation system, equipped with Qualcomm 8916Q quad-core CPU, adopts first-class manufacturer' s accessories, owns advanced data acquisition unit, such as 1D/2D bar code scanning and RFID. It also has 4G wireless data and communication function, it is a high quality industrial terminal.

1. Powerful and first-class configurations

Quad-core: adopts Qualcomm 8916Q quad-core 1.3GHz processor.

2G: adopts Hynix 2GB DDR2 memory.

6000 times: key connectors passed 6000 times' plug testing.

2. Firm and reliable, humanization design

1.2m: passed 1.2-meters' falling test, strong anti-crash ability.

IP65: unique machine and kernel seal design, IP65.

30° : the angel of scanning engine is 30° dip angel, special design makes operation much easier.

Anti-wear: best anti-wear keys, Corning Gorilla Glass screen.

3. World model & variety wireless connections

It supports 3 operators, 4 network types, 8 network bands.

Wi-Fi: double band & industrial Wi-Fi module, dual-band & industrial Wi-Fi module, can prevent data replace effectively.

Bluetooth: V4.0+ EDR, lower power consumption, better performance.

4. Rich functions

2 navigations: supports GPS & BDS.

Bar code scanning: excellent bar code scanning engine.

RFID: NXP NFC chip supports 13.56MHz RFID identification.

5. Double batteries

3800mAh: adopts lithium battery with high performance, supports working whole day.

Double batteries: 150mAh secondary battery provides continuous power supply for main battery replacement.

Physical parameters

Dimensions	165.6mm H * 73mm W * 34.4mm D
Weight	275g(battery included)
Operating Temp	-20° C~60°
Storage Temp	-40° C~80°
Humidity	95% RH non-condensing
Drop Test	1.2-meter drop protection
Roller Drop Test	500 times
Sealing	IP65
ESD protection	±8KV contact discharge; ±12KV air discharge

System Parameters

CPU	Qualcomm MSM8916Q quad-core 1.3GHz
OS	Android 5.1

RAM/ROM	ROM 16GB EMMC; RAM 2G DDR2; support external micro SD card, 32 GB at most
Display	3.7 inch. Capacitive, multi touch; 480*800, ultra wide Angle IPS display, Corning Gorilla Glass (Compatible with resistive screen)
Keypad	28 physical keys (include Power key, Scan key, Custom key, Navigation key, Number keys, Function keys); Super abrasion IML overprint keyboard inside the membrane
Battery	Lithium polymer battery, 3.7V, 3800mAh+150mAh (bakup)
Functional Configuration	
Bar Codes Scanning	1D UE 966(Motorola SE955 or other brand optional), 2D Motorola SE4500
Camera	Rear Camera 5M AF
NFC	Support ISO14443/ISO15693 standard 13.56MHz RFID tag recognition
Navigation	Built-in GPS, support AGPS; BDS second generation optional
Indicator Light	System indicator light; Scanning indicator light
Audios	Built-in speaker, receiver, microphone, vibrator
Sensors	Gravity sensor
Network Parameters	
Network Type	FDD-LTE/TD-LTE/WCDMA/TD-SCDMA//GSM/CDMA2000/CDMA 1X
Network Spectrum	FDD-LTE Band1/3 TD-LTE Band38/39/40/41 WCDMA/HSPA 2100/850MHz TD-SCDMA/HSPA Band34/39 GSM/GPRS/EDGE 850/900/1800MHz CDMA2000/CDMA 1X 800MHz
WLAN	2.4GHz/5GHz dual band Wi-Fi; 802.11 a/b/g/n Built-in Antenna
Voice/Data Service	Support
WPAN	BluetoothV4.0+EDR
External Interface	
USB Interface	Micro USB2.0, support USB OTG
Charger Jack	Micro USB2.0, 1A quick charger, optional 2A quick base
Power Supply Jack	Support 5V/500mA external power supply
Communication	RS232

Development Environment	
System Environment	Android5.1/SP-UI
Development Environment	SP-SDK
Management Software	SP-PC management suite/MDM