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Overview :

AC5713 serial products extend Handheld-Wireless product serials into Android OS 5.1.1handheld terminal with numeric keypad. Inside the compact terminals, sealing level of IP65water/dust proof, 1.5m/4.5ft drop survival, ergonomic design, over-molding structure, and 4.0 inch tough screen are all equipped to ensure performance. Latest 1.3GHz quad-core processor 2GB RAM/16GB ROM and up to 32GB expansion are all designed to boost up experience level.

| 4G | Wifi | NFC | Bluetooth | RFID | GPS |

Features:

High Speed Data Communication

Double insurance of 4G high Speed network and dual-frequency WIFI network can ensure the real-time data communication in different using environment.

Extraordinary Battery Life

Extremely battery of 5200mAh can ensure long battery in different using environment.

Rugged Ergonomic and Over-molding Design

Over-molding and ergonomic hardware design can satisfy most of the tough environment from different fields.

Extremely Stable Hardware Display

4.0 inch tough Gorilla Glass 3 9H screen can ensure the performance under different tough environment.

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Highly Customized Structure

'All-in-One' hardware design conception can expand the hardware module integration based on different project requirements, especially like UHF+HF, UHF+LF, LF+HF.

Highly Integrated and Preinstalled Application

The highly integrated and preinstalled Scan Server can satisfy most of the solutions obtained from Google Play by the working principle of 'Plug and Play'.

PHYSICAL CHARACTERISTICS	
Dimension	158mm(H)x75mm(W)x28mm(D)mm
Weight	Net Weight : 300g (including battery & wrist strap)
Display	Gorilla Glass 3 9H 4.0 inch TFT-LCD(WVGA 480x800) touch screen with backlight
Backlight	LED backlight
Keypads	3 TP keys, 17 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7V, 5200 mAh
PERFORMANCE CHARACTERSTICS	
CPU	Quad A53 1.3GHz quad-core
Operating System	Android 5.1.1
Storage	2GB RAM+16GB ROM Micro SD (max 32GB expansion)
USER ENVIRONMENT	
Operating Temp	-20°C to 50°C
Storage Temp	-20°C to 70°C
Humidity	5%RH to 95%RH (non-condensing)
Drop Specifications	5ft./1.5 m drop to concrete across the operating temp range
Sealing	IP65, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge
DEVELOPMENT ENVIRONMENT	
SDK	HHW Software Development Kit
Language	JAVA
Environment	Android Studio or Eclipse
DATA COMMUNICATION	
WWAN	4G: TDD-LTE Band 38, 39, 40, 41 FDD-LTE Band 1,2,3,4,7,17,20 3G: WCDMA 850/1900/2100MHz, 2G: GSM/Gprs/Edge 850/900/1800/1900MHz
WLAN	2.4GHz/5.8GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS (embedded A-GPS), accuracy of 5 m

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DATA CAPTURE BARCODE READER (OPTIONAL)		
1D Barcode	1D Laser engine	Symbol SE955
	Symbologies	All major 1D Barcodes
2D Barcode	2D CMOS Imager	Honeywell N6603
	Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.

COLOR CAMERA		
Resolution	8.0 megapixel	
Lens	Auto-focus with LED flash	

RFID READER(OPTIONAL)		
RFID LF	Frequency	125KHz/134.2KHz(FDX-B/HDX)
	Protocol	ISO 11784&11785
	R/W Range	2cm to 10 cm
RFID HF	Frequency	13.56MHz
	Protocol	ISO 14443A&15693
	R/W Range	2cm to 8cm
Active 2.45GHz	Read range more than 200 m	
433MHz	Read range more than 200 m	

PSAM SECURITY (OPTIONAL)	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	2 slots (maximum)

ACCESSORIES	
Standard	1xPower Supply; 1xLithium Polymer Battery; 1xDC charging cable; 1xUSB data cable
Optional	Cradle