





PDA-5501
4G Handheld All In One Terminal



System Configuration

Processor	ARM Cortex A53 Quad-core 64bits 1.3GHz	1D laser Scanner (optional)	UPC-A, UPC-E,UPC-E1,EAN-13,EAN-8,ISBN/ISSN,Code 39, code39 (ASCII full),Interleaved 2 of 5,Industrial 2 of 5, Matrix 25,Codebar(NW7),Code 128,UCC/EAN 128,ISBT128, code 93, MSI/Plessey,UK/Plessey,China post,GS1 Data Bar
O . S	Android 5.1/6.0	2D Image Scanner (optional)	QR Code, Data Matrix, PDF417,UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5, Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar
Memory	8GB ROM+ 1GB RAM(16GB ROM+ 2GB RAM optional)	NFC/RFID	ISO/IEC 14443A/B,ISO15693
Ex-Storage	Micro SD(up to 64GB)	PSAM	ISO7816
Display	5.5 inch IPS 720x 1280 resolution	UHF RFID (optional)	EPCglobal UHF Class 1 Gen 2/ ISO 18000-6C, 902Mhz - 928Mhz 865MHz - 868MHz
Camera	AF 8.0M Pixels with LED flash light	Fingerprint (optional)	FPC1020 Capacitive
Printer	Internal 2inch thermal printer	Interface	Micro USB/RS232/Headphone/SIM*2/PSAM*2/Micro SD*1
Battery	3.7v 5500mAh rechargeable lithium polymer battery	Sealing	IP65
Mobile network	GSM: 850/1800/1900MHz CDMA/EVDO 800MHz WCDMA:850/900/1900/2100MHz LTE-FDD:B1/B3/B7/B8/B28 LTE-TDD:B38/B39/B40/B41		
Wi-Fi	IEEE 802.11 b/g/n		
Bluetooth/GPS	Bluetooth 4.0/GPS/AGPS		
Dimensions	210mmX80mmX45mm,530g (battery included)		
Dev. Tool	Android SDK + JDK + Eclipse		





PDA-3505 Industrial Handheld Terminal

Rugged explosion-proof design, stable and reliable performance

More Functions

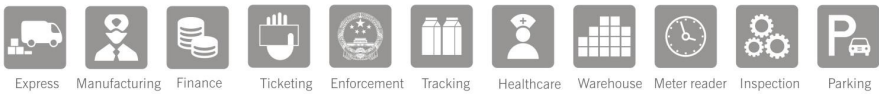
Barcode scanner/QR scanner, Internal printer, Fingerprint, 4G network, NFC, really all in one intelligent terminal

More Configuration

3G or 4G, 3.5inch or 4 inch, 1D scanner or 2D scanner, Fingerprint, etc.
Reserve more communication interface for you.

More Durable

Ip65 industrial grade protection, All kinds of complex working environment; high-capacity battery and very low power to meet the outdoor work.



3.5inch

4.0inch



PDA-3505 Datasheet

System Configuration	
Processor	3G Ver. : Quad-core 1.3GHz
	4G Ver.: Quad-core 64bits 1.3GHz
O.S	Android 5.1/6.0
Memory	8GB ROM+1GB RAM(16GB ROM+ 2GB RAM optional)
Ex-Storage	Micro SD(up to 64GB)
Display	3.5 inch HVGA 320*480 Resolution
	4.0 inch IPS 480*800 Resolution
Camera	AF 5.0M pixels with LED flash light, 8.0M pixels is optional
Touch Panel	Industrial capacitive touch panel
Keypad	29 anti-wear, within the light waterproof industrial keyboard
Indicator	Vibration indicator / LED indicator / audio indicator
Battery	Built in detachable 7.4v 3400mAh Lithium Polymer Battery
Audio	Built-in microphone /speaker
Sensor	G-sensor
Interface	Micro USB/ RS232/Headphone/SIM*2/PSAM*2

Structural Parameters	
Dimensions	220*85*59mm(LxWxD)
Weight	520g battery included

Communication	
Mobile Network	3G: WCDMA:850/900/1900/2100MHz GSM: 800/900/1800/1900MHz
	4G: GSM: 850/1800/1900MHz CDMA/EVDO 800MHz WCDMA:850/900/1900/2100MHz LTE-FDD:B1/B3/B7/B8/B28 LTE-TDD:B38/B39/B40/B41
Wi-Fi	IEEE 802.11 b/g/n
Bluetooth	Bluetooth 4.0
GPS	GPS/AGPS

Printer	
Print Method	Internal Direct Thermal
Paper	58mm
Medium	Thermal paper and label
Sensor	Black mark/paper end
Print Type	Text/image/barcode/QR

Operating Environment	
Develop Tools	android SDK + JDK + Eclipse
Develop Language	Ja v a
Operating Temp.	-10°to 50°C
Storage Temp.	-20° to 70°C
Humidity	0 ~ 95%
Drop Test	1.5m drop test
Certification	IP65/CE/RoHS

1D laser Barcode Scanner (optional)	
Scan Method	650nm laser
Scan Speed	100 scans/sec.
Scan Angle	35 ° ± 3 °(standard)
Optical Resolution	4mil
Readable Type	UPC-A,UPC-E,UPC-E1,EAN-13,EAN-8,ISBN/ISSN,Code 39, Codebar(NW7),code39 (ASCII full),Interleaved 2 of 5,Industrial 2 of 5, Matrix 25,Code 128,UCC/EAN 128,ISBT128,code 93,MSI/Plessey, UK/Plessey,China post

2D Image Scanner (optional)	
Scan Method	CMOS Image
Scan Speed	60 scans/sec.
Scan Angle	360 ° angle, Elevation angle ± 55 °, Eeflection angle ± 55 °
Optical Resolution	2 D ≥ 7.5 mil, 1 D ≥ 5 mil
Readable Type	QR Code, Data Matrix, PDF417,UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar
DPM(optional)	DPM(Direct Part Marking)

NFC/HF RFID/PSAM	
Protocol	ISO/IEC 14443A/B,ISO15693
Frequency	13.56MHz
Card Type	Type 1-4Tag/Mifare/Felica
PSAM	ISO/IEC 7816 1-4
Contact card	ISO/IEC 7816(optional)

Fingerprint (optional)	
Method	Capacitive
Sensor	FPC1020
Image	242*266pixel
Resolution	508DPI
Storage	2000 pieces

Accessories	
Adapter	Hand Strap USB cable OTG cable Paper charging cradle(optional)





PDA-3505U

Handheld Terminal



System Configuration

Processor	Quad-core 64bits 1.3GHz
O. S	Android 6.0
Memory	8GB ROM+1GB RAM(16GB ROM+ 2GB RAM optional)
Ex-Storage	Micro SD(up to 64GB)
Display	4.0 inch IPS 480*800 Resolution
Camera	AF 5.0M Pixels with LED flash light
Battery	7.4v 3400mAh rechargeable lithium polymer battery
Mobile network	GSM: 850/1800/1900MHz CDMA/EVDO 800MHz WCDMA:850/900/1900/2100MHz LTE-FDD:B1/B3/B7/B8/B28 LTE-TDD:B38/B39/B40/B41
Wi-Fi	IEEE 802.11 b/g/n/ac
Bluetooth/GPS	Bluetooth 4.0/GPS/AGPS
Dimensions	220mmX85mmX59mm,520g (battery included)
Dev. Tool	Android SDK + JDK + Eclipse
1D laser Scanner (optional)	UPC-A, UPC-E,UPC-E1,EAN-13,EAN-8,ISBN/ISSN,Code 39, code39 (ASCII full),Interleaved 2 of 5,Industrial 2 of 5, Matrix 25,Codebar(NW7),Code 128,UCC/EAN 128,ISBT128, code 93,MSI/Plessey,UK/Plessey,China post,GS1 Data Bar

2D Image Scanner (optional)	QR Code, Data Matrix, PDF417,UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar
Fingerprint (optional)	FPC 1020 Capacitive
Sealing	IP65
UHF RFID	
Air Interface Protocol	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
Operating frequency range	902Mhz – 928Mhz , 865MHz – 868MHz(Optional)
Output power accuracy	+/- 1dB
Inventory tag peak velocity	> 50 sheets / sec
PSAM encryption card	ISO/IEC 7816 1
Contact chip card(optional)	ISO/IEC 7816 -4



PDA-408

4G Android Industrial Handheld Terminal



System Configuration

Porcessor	ARM Cortex A53 Quad-core 64bits 1.3GHz
O. S	Android 6.0
Memory	8GB ROM+1GB RAM
Ex-Storage	Micro SD(up to 64GB)
Display	4 inch IPS 408x 800 resolution
Camera	AF 8.0M Pixels with LED flash light
Printer	Internal 80mm thermal printer
Battery	7.4v 4000mAh rechargeable lithium polymer battery
Mobile network	GSM: 850/1800/1900MHz CDMA/EVDO 800MHz WCDMA:850/900/1900/2100MHz LTE-FDD:B1/B3/B7/B8/B28 LTE-TDD:B38/B39/B40/B41
Wi-Fi	IEEE 802.11 b/g/n /ac
Bluetooth/GPS	Bluetooth 4.0/GPS/AGPS
Dimensions	210mmX85mmX48mm,580g (battery included)
Dev. Tool	Android SDK + JDK + Eclipse

1D laser Scanner (optional)	UPC-A, UPC-E,UPC-E1,EAN-13,EAN-8,ISBN/ISSN,Code 39, code39 (ASCII full),Interleaved 2 of 5,Industrial 2 of 5, Matrix 25,Codebar(NW7),Code 128,UCC/EAN 128,ISBT128, code 93,MSI/Plessey,UK/Plessey,China post,GS1 Data Bar
2D Image Scanner (optional)	QR Code, Data Matrix, PDF417,UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar
NFC/RFID	ISO/IEC 14443A/B,ISO15693
PSAM	ISO7816
Fingerprint (optional)	FPC 1020 Capacitive
Sealing	IP65





PDA-401

4G Mobile Intelligent Terminal



System Configuration

Porcessor	ARM Cortex A53 Quad-core 64bits 1.3GHz	1D Iaser Scanner (optional)	UPC-A, UPC-E,UPC-E1,EAN-13,EAN-8,ISBN/ISSN,Code 39, code39 (ASCII full),Interleaved 2 of 5,Industrial 2 of 5, Matrix 25,Codebar(NW7),Code 128,UCC/EAN 128,ISBT128, code 93,MSI/Plessey,UK/Plessey,China post,GS1 Data Bar
O.S	Android 5.1/6.0		
Memory	8GB ROM+1GB RAM(16GB ROM+ 2GB RAM optional)	2D Image Scanner (optional)	QR Code, Data Matrix, PDF417,UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar
Ex-Storage	Micro SD Up to 64GB		
Display	4.0 inch IPS 480x 800 resolution	NFC/RFID	ISO/IEC 14443A/B,ISO15693
Camera	AF 5.0M Pixels with LED flash light,8.0M Pixels is optional	PSAM	ISO7816
Bluetooth/GPS	Bluetooth 4.0/GPS/AGPS	UHF RFID (optional)	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C, 902Mhz – 928Mhz 、 865MHz – 868MHz
Battery	3.7v 4000mAh rechargeable lithium polymer battery	Interface	Micro USB/RS232/Headphone/SIM*2/PSAM*2/Micro SD*1
Mobile network	GSM: 850/1800/1900MHz CDMA/EVDO 800MHz WCDMA:850/900/1900/2100MHz LTE-FDD:B1/B3/B7/B8/B28 LTE-TDD:B38/B39/B40/B41	Sealing	IP65
Wi-Fi	IEEE 802.11 b/g/n		
Dimensions	162mm×70mm×31mm, 345g included battery		
Dev. Tool	Android SDK + JDK + Eclipse		



QS-8003

Mobile Label Printer



Datasheet

Method	Direct Thermal	Emulation	ESC/POS,TSC Command Compatible
Print Width	72mm,576 dots/line	Print Type	Text/Image/Barcode/QR
Paper Width	80mm	Sensor	Paper End Sensor , Gap Sensor ,Cover Open Sensor , Black Mark Sensor
Print Speed	70mm/sec	Indicator	Buzzer and OLED Display
Dot Density	203DPI	Reliability	50km
Paper Type	Thermal/Label	Sealing	IP65
Paper Roll	Max. Ø 40mm	Battery	7.4V 1400mAh Li-ion, 2.5Hrs Charging Time
Character size	Font A:1.5×3.0mm(12×24) Font B:1.1×2.1mm(9×17)	Interface	Micro USB/9v DC Jack
Character Code	Codepage/UTF-8/Unicode	Adapter	Input AC 110-240V, 50-60Hz Output DC 9V-1.5A
Fonts	Western Europe, Central Europe, Eastern Europe, Latin, Arab, Persian, Thai,Japanese, Korean And more than 30 fonts	Dimension	120mmx102mmx50.5mm
System Language	English and simplified Chinese	Weight	270g battery included
System Settings	Sleep,Speed,concentration,etc		





QS-805

4G Handheld All In One Industrial Tablet



System Configuration

CPU	ARM Cortex A53 Quad-Core
O.S	Android 6.0
SPEED	Quad-Core 1.4GHz
Memory	RAM 1GB(2GB is optional) FLASH :ROM 8GB(16GB is optional) EX-STORAGE: Micro SD up to 64GB
Display	SCREEN 8.0Inch IPS 1280*800 Pixs
Battery	3.7v 10000mAh
Adapter	Input 110-220v,output 5V2A
Wi-Fi	IEEE 802.11b/g/n BLUETOOTH : BT4.0
Mobile netework	GSM/ /WCDMA/TD-LTE/FDD-LTE
Location	Internal GPS
NFC	STANDARD ISO18092,ISO14443,ISO15693 Write/Read
Standard	USB2.0/ Micro USB/ DC Port/ SIM*2 /TF slot (/Pogo pin optional)
Technical Support	Test Demo,SKD code,API Document

Weight	1.05kg (with 10000mAh battery)
Dimensions	260mmX117mm X32mm(W x D x H)
Sealing	Ip65

FINGERPRINT

Sensor	Optical Biometric
Certified	FBI
Resolution	500DPI
Capture area	0.8"(H) x 1"(W)



S-02

Bluetooth Barcode Scanner



Processor	ARM M332 bit 108MHz processor
Memory	RAM 128kbs+ROM 4Mb
Button	1 button for power and scan
Prompt	LED light/Buzzer/Vibration
Battery	Internal 300mAh rechargeable battery
LED Status	Power/Battery/Bluetooth/Scan Status
Scan	1D CCD scanner/1D laser scanner /2D CCD scanner
Charging	USB 5V
Dimension	45*28*38mm
Weight	27g
Communication	Bluetooth 3.0
Protocol	SPP/HID
Resolution	1D≥4mil 2D≥7.5mil
Storage temperature	-10° ~ 50°C
Operating temperature	-20° ~ 70°C

Humidity	0 ~ 95% (without condensation)
Barcode Scanner	UPC-A,UPC-E,UPC-E1,EAN-13,EAN-8,ISBN/ISSN,Code 39, code39 (ASCII full),Interleaved 2 of 5,Industrial 2 of 5,Matrix 25, Codebar(NW7),Code 128,UCC/EAN 128,ISBT128,code 93, MSI/Plessey,UK/Plessey,China post,GS1 Data Bar
2D Image Scanner (optional)	QR Code, Data Matrix, PDF417,UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar



S-01

Bluetooth Barcode Scanner



Memory	128kb+4Mb
Button	1 button for Powerand scan
Interface	Micro USB/Reset
Indicator	LED light/Buzzer/Vibration
Support O.S	Android/IOS/Windows
Data Method	Online/Offline
Scan Engine	1D laser scanner/1D images canner/2D Image scanner
Communication	bluetooth
Protocol	SPP/HID
LED Status	Power/battery/bluetooth/scan status
Settings Mothed	Scan set barcodes
Settings	Sleep,Buzzer,vibration,keyboard,etc
Battery	Internal 1000mAh rechargeable battery
Charging	USB 5V

Barcode Scanner	UPC-A,UPC-E,UPC-E1,EAN-13,EAN-8,ISBN/ISSN,Code 39, code39 (ASCII full),Interleaved 2 of 5,Industrial 2 of 5,Matrix 25, Codebar(NW7),Code 128,UCC/EAN 128,ISBT128,code 93, MSI/Plessey,UK/Plessey,China post,GS1 Data Bar
2D Image Scanner (optional)	QR Code, Data Matrix, PDF417,UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar
Dimension	80mm*40mm*20mm
Weight	40g
Colour	Black+Silver plating



QS-5806

Bluetooth Ticket Printer



Method	Direct Thermal
Print Width	48mm,384 dots/line
Paper Width	58mm
Print Speed	70mm/sec
Dot Density	203DPI
Paper Type	Thermal/Label
Paper Roll	Max. Ø 40mm
Character size	Font A:1.5×3.0mm(12×24) Font B:1.1×2.1mm(9×17)
Character Code	Codepage/UTF-8/Unicode
Fonts	Western Europe, Central Europe, Eastern Europe, Latin, Arab, Persian, Thai, Japanese, Korean And more than 30 fonts.
System Settings	Sleep, Speed, concentration, etc

Emulation	ESC/POS Command Compatible
Print Type	Text/Image/Barcode/QR
Sensor	Paper End Sensor , Gap Sensor ,Cover Open Sensor , Black Mark Sensor
Indicator	Buzzer and LED light
Reliabilty	50km
Battery	7.4V 1400mAh Li-ion, 2.5Hrs Charging Time
Interface	Micro USB/9v DC Jack
Adapter	Input AC 110-240V, 50-60Hz Output DC 9V-1.5A
Dimension	118mmx80.5mmx50.5mm
Weight	245g battery included





QS-5801/QS-5803/QS-8001

Bluetooth Thermal Printer



Method	Direct Thermal
Print Width	48mm,384 dots/line QS-8001: 72mm,576 dots/line
Paper Width	QS-5801 QS-5803: 58mm QS-8001: 80mm
Print Speed	70mm/sec
Dot Density	203DPI
Paper Type	Thermal/Label
Paper Roll	Max. Ø 40mm
Character size	Font A:1.5×3.0mm(12×24) Font B:1.1×2.1mm(9×17)
Character Code	Codepage/UTF-8/Unicode
Fonts	Western Europe, Central Europe, Eastern Europe, Latin, Arab, Persian, Thai, Japanese, Korean And more than 30 fonts.

Emulation	ESC/POS Command Compatible
Print Type	Text/Image/Barcode/QR
Sensor	Paper End Sensor , Gap Sensor , Cover Open Sensor , Black Mark Sensor
System Settings	Sleep,Speed,concentration,etc
Indicator	Buzzer and LED light
Reliability	50km
Battery	7.4V 1400mAh Li-ion, 2.5Hrs Charging Time
Interface	Micro USB/9v DC Jack ,QS-5803 support RS232
Adapter	QS-5803 Input AC 110-240V, 50-60Hz Output DC 9V-1.5A QS-5801/8001 Input AC 110-240V, 50-60Hz Output DC 5V-2A

QS-5802/QS-7601

Bluetooth Dot Matrix Printer



Method	Dot matrix
Dot Density	5 dots/mm(127dpi),240dots/line
Print Width	QS-5802:48mm QS-7601:72mm
Print Speed	5.5mm/sec
Interface	bluetooth/USB,QS-7601:USB/RS232/RJ11/bluetooth(Optional)
Sensor	Black Mark Sensor
Paper Width	QS-5802: 58mm, QS-7601:76mm
Character size	Font A:1.5×3.0mm(12×24dots) Font B:1.1×2.1mm(9×17 dots)
Character	GBK-1312,English,Ascii

Adapter	Input : AC 110-240V, 50-60Hz Output : DC 9V-2A
Print Thickness	0.06-0.08mm
Indicator	LED light
Power	QS-5802:7.4v 1400mAh QS-7601: adapter
Emulation	ESC/POS Command Compatible
Reliability	1.5 million lines

