



The Universal Handheld Device

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# TYPES OF Handheld Terminal



Part No.	Description
POS10	Handheld terminal with Intel Atom Z510 CPU, 5" resistive touch screen, DDR2 512MB, 150mah backup memory and 4000mah Lithium battery, 8G CF card, Wifi 802.11b/g/n + BT 3.0+EDR, 2M pixels webcam and flash LED, 2" thermal printer and 1D barcode reader
POS20	Handheld terminal with Intel Atom Z510 CPU, 5" resistive touch screen, DDR2 512MB, 150mah backup memory and 4000mah Lithium battery, 8G CF card, Wifi 802.11b/g/n + BT 3.0+EDR, 2M pixels webcam and flash LED, 2" thermal printer and 1D barcode + MSR
POS30	Handheld terminal with Intel Atom Z510 CPU, 5" resistive touch screen, DDR2 512MB, 150mah backup memory and 4000mah Lithium battery, 8G CF card, Wifi 802.11b/g/n + BT 3.0+EDR, 2M pixels webcam and flash LED, 2" thermal printer and CMOS Finger print sensor + smart card reader
POS40	Handheld terminal with Intel Atom Z510 CPU, 5" resistive touch screen, DDR2 512MB, 150mah backup memory and 4000mah Lithium battery, 8G CF card, Wifi 802.11b/g/n + BT 3.0+EDR, 2M pixels webcam and flash LED, 2" thermal printer and Optical Finger print sensor + smart card reader + RFID

# FEATURES AND APPLICATIONS

## Introduction

World's first Universal Handheld Device developed on Intel X scale platform. It has many features, that separates it from the present devices that are available in Market.

It runs WINDOWS XP into it, which makes it more popular in the Application Development domain, as most of the world's businesses runs on Windows platform and the resources for developing a windows based application are plenty.

It has got a 64 key QWERTY keypad, which makes it more faster in communication areas like E-Mail Writing, Report Sending and even chat using GPRS/3G services.

It has got options of attaching a Printer, Barcode, Fingerprint, MSR, Smart Card Reader, RFID Reader on four combinations.

It is more of a concept than a product, as the usage is being redefined every day., every month, every year



## Application

- ID recognition / registration
- Law enforcement
- Ticketing
- Mobile/counter top mini POS
- Logistics & transportation
- Industrial automation
- Banking & Insurance

## Key Features

- 5 inch Touch Screen LCD
- USB 2.0 External / Audio Out Port
- 64 Keys QWERTY Keypad
- Camera (back side)
- Integrated Thermal Printer
- Modularized Finger Print Scanner and Smart card (contact, contactless) or MSR and Barcode Scanner.
- USB 2.0 port x 2 (Or LAN Port)
- Wifi / Bluetooth / 3.5G / GPRS / GPS (Optional), IP54 / 1.2M Drop proof
- CE / FCC / RoHS approved
- Support Windows XP / Linux

# TECHNICAL SPECIFICATION

Model	POS10	POS20	POS30	POS40
Processor	Intel Atom Processor Z510 and US15W System Controller Hub			
Memory	512MB			
Storage	8GB Compact Flash up to 32GB			
Display	5-inch TFT Color LCD, 4-Wire Resistive touch screen with Stylus			
Keypad	64 keys QWERTY Keypad			
Audio	Built-in mono 1W Speaker for the module : Head phone jack			
Camera	2.0 Megapixel Camera with Auto Focus			
USB Port	3 External USB2.0			
Micro SD	Accessible Micro SD slot			
Communication	WiFi 802.11 b/g/n and Bluetooth 3.0 +EDR			
Thermal Printer	2-inch High Speed Thermal Printer. paper roll width 57mm x 35mm diameter, length 13M			
Finger Print	Optical sensor with access & verification time <= 1 Sec. ISO SC37 19794-2 or ANSI/INCITS 378, ISO19794-4 Compliant	CMOS sensor with access & verification time <= 1 Sec. ISO19794-2 / ISO19794-4 and FIPS201 Compliant	No	No
Smart Card	SIM x 1 + SAM x 2; ISO 7810, 7816 1-4 compliant	SIM x 1 + SAM x 2; ISO 7810, 7816 1-4 compliant	No	No
RFID	ISO 14443 type A of B (MIFARE ) compliant	No	No	No
Barcode	No	No	1D Barcode	1D Barcode
MSR	No	No	No	ISO Tracks 1, 2 and 3 (ISO/IEC 7811-2 2001) compliant
3.5G	Optional	Optional	Optional	Optional
GPRS	Optional	Optional	Optional	Optional
GPS	Optional	Optional	Optional	Optional
Docking Station	Optional. USB x4, serial port x 1, VGA x 1, Ethernet x 1 and secondary battery charging			
Power Adaptor	AC input 100-240V, 50/60Hz, DC output of 12V, 3A			
Battery	Li-Polymer Battery, 7.4V, 4000mAh, Built-in, hot swappable, Operating Time: 4 hrs (Optional), or Li-Polymer Battery, 7.4V, 8000mAh, Built-in, hot swappable, Operating Time: 8 hrs (Optional)			
Environment	Operating Temp. 0 C to 40 C			
	Storage Temp. 0 C to 60 C, not including battery			
	Humidity 5-95%, non-condensing			
Certification	Withstands 1.2 m drop onto concrete			
	IP54 CE EN55022/EN55024, FCC Part 15B - Class B, RoHS compliant			
Operating System	Windows XP / Windows 7 / Linux (Optional)			
Dimensions	140mm x 32mm x 292mm			
Weight	900g	900g	800g	800g