



HPT600

HIGH PERFORMANCE • HANDHELD ePASSPORT TERMINAL



WINNER OF INTEL SMART IMPACT CHALLENGE
'INNOVATION EXCELLENCE' AWARD 2012



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HPT 600

KEY FEATURES



MRZ OCR Scanner



Contactless Card Reader



Fingerprint Sensor



Touch Screen LCD



Law Enforcement



Banking And Finance



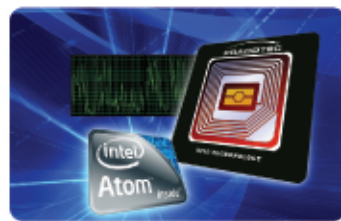
Mobile Registration & Polling Station



Border Control



PRODUCT BENEFITS



INTEL® ATOM™ INSIDE

With Hyper-threading technology, the HPT600 is able to do complex image processing and secured encryption computation in a blink of an eye.



ERGONOMIC DESIGN

Designed with both right and left-handed usage in mind and a bi-directional MRZ swipe to ease usability that does not discriminate its users.



ANYTIME ANYWHERE

Make fast and efficient informed decisions through the high speed 3G and 3.5G networks.



ALWAYS ON TECHNOLOGY

Designed with the mind of reducing downtime and increase workflow efficiency, the integrated 'Hot Swappable Power' augmentation renders it permanently available to its users.

SPECIFICATIONS

Systems

Microprocessor	Intel® ATOM™ Z510, 1.1GHz
Memory	8GB Compact Flash, 512MB SDRAM
Memory Expansion	micro-SD Memory Slot (Support up to 32GB)
Device Operating System	Windows® XP Embedded
Programming language	C++ Programming, Microsoft® Visual Studio 2005, 2008, NET Programming in Microsoft® Visual

MRZ OCR Scanner

Standard	ICAO 9303
MRZ Swipe Direction	Bi-direction
Data Source	
Machine Readable Passports (MRP)	- 2 lines of 44 characters
Machine Readable Visas (MRV)	- 2 lines of 44 characters (full size) - 2 lines of 36 characters (size II)
Machine Readable Travel Cards	- 2 lines of 36 characters (size II) - 3 lines of 30 characters (size I)

Contactless Reader

Standard	ICAO 9303 Compliant ISO/IEC 14443A/B, Part 1, 2, 3, 4
Baud Rate	Up to 848 kbps (Card Type Dependent)

Contact Card Reader

Standard	ISO/IEC 7816, Part 1,2,3 T=0 & T=1
Baud Rate	115.2 kbps (max)
Card Slot	ID1 Card Slot (x1) ID0 SAM Slots (x2) (Optional)
Card Type	Class A and A/B

Interfaces

Bluetooth	Bluetooth Class II, Version 2.0
Wireless LAN	IEEE 802.11 b/g Wi-Fi
Network	3.5G - HSDPA 7.2 Mbps Downlink - HSUPA 2.0 Mbps Uplink 3G - W-CDMA, 850, 1900, 2100 MHz GSM / GPRS / EDGE
USB	USB 2.0 (External Accessible)
LAN	RJ45 Socket (Built-in 10/100 Mbps)
GPS	Built-in GPS Support

Camera

Resolution	2 Megapixels with Auto Focus
Flash	LED Flash

Fingerprint Sensor

Sensor	Optical Sensor
Resolution	500 dpi
Active Area (mm)	14 x 22
Supported Templates and Images	Sagem Algorithm, ISO 19794-2, ANSI/INCITS 378, RAW/Bitmap, WSQ (Optional)

Human Interfaces

Display	5" TFT Colour LCD 800x480, Trans-reflective, Touch Screen with Backlight
Keypad	65 Buttons QWERTY Keypad
Audio	Built-in Mono Speaker, Head Phone Jack

Power

AC Input	100-240VAC, 50/60Hz
DC output	12V, 3.33A
Battery (Hot-swappable)	Rechargeable 7.4V 4000mAh Li-Polymer Battery Rechargeable 7.4V 8000mAh Li-Polymer Battery (Optional)

Mechanical

Dimension (L x W x H)	326 x 140 x 66 mm Standard Model
Weight	Approximately 900g

Environmental

Operating Temperature	0°C to +50°C
Storage Temperature	0°C to +60°C
Humidity	5% to 95% RH, Non-condensing
Environmental Resistance	IP54

OPTIONAL ACCESSORIES

