



HPT 600

Handheld ePassport Terminal



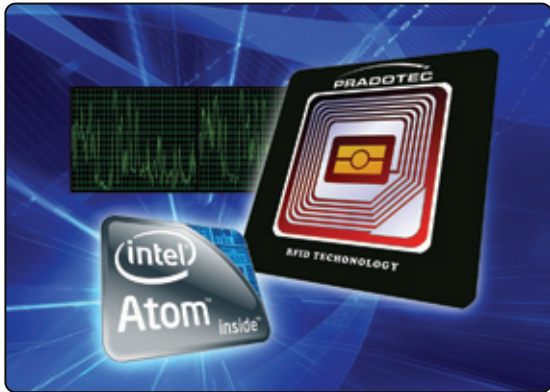
Protected by



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



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.



Protection Against Threats

Upgradable with McAfee Security for optimized security protection against harmful malicious virus.



Beyond Versatility

Dual platform functionality that can be used as mobile & desktop reader.



AlwaysOn 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.

Industrial Applications



Border Control



Immigration



Sea Patrol



Access Control

Product Features



System	
Microprocessor	Intel® ATOM™ Z510, 1.1GHz
Memory	512MB SDRAM
Storage	8GB Compact Flash (Support up to 32GB)
Device Operating System	Windows® Embedded Standard 2009
Programming Language	C++ Programming, .NET Programming in Microsoft® Visual Studio 2005, 2008
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) Machine Readable Travel Cards – 2 lines of 36 characters (size II) – 2 lines of 36 characters (size I) – 3 lines of 30 characters (size I)
Contactless Reader	
Standard	ICAO 9303 Compliant
Baud Rate	ISO/IEC 14443A/B, Part 1, 2, 3, 4 Up to 848 kbps (Card Type Dependent)
Interfaces	
Bluetooth	Bluetooth 3.0 + EDR
Wireless LAN	IEEE 802.11 b/g/n 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 (SIM Slot x1)
USB	USB 2.0 (External Accessible)
LAN	RJ45 Socket (Built-in 10/100 Mbps)
GPS	Built-in GPS Support (Optional)
Camera	
Resolution	2 Megapixels with Auto Focus
Flash	LED Flash
Human Interfaces	
Display	5" TFT Colour LCD 800x480, Touch Screen with Backlight
Keypad	64 Buttons QWERTY Keypad
Speaker	Built-in Mono Speaker, Head Phone Jack
Power	
AC Input	100-240VAC, 50/60Hz
DC Output	12V, 3.33A
Battery (Built-in Hot-swappable)	Rechargeable 7.4V 4000mAh Li-Polymer Battery Rechargeable 7.4V 8000mAh Li-Polymer Battery (Optional)
Mechanical	
Dimension (mm)	326 (L) x 140 (W) x 66 (H) Standard Model
Weight	Approximately 900g
Environmental	
Operating Temperature	-10°C to +40°C
Storage Temperature	-20°C to +60°C (Without Battery)
Humidity	5% to 95% RH, Non-condensing
Environmental Resistance	IP54

ADD-ON FEATURES

Cradle	
Charging Docks	1 x Device Charging Dock, 1 x Battery Charging Dock
Interfaces	4 x USB Ports, 1 x RS232 Serial Port, 1 x VGA Connector, 1 x RJ45 LAN Port
Contact Card Reader	
Standard	ISO/IEC 7816, Part 1, 2, 3 T=0 & T=1
Card Slot	ID1 Card Slot (x1) ID0 SAM Slots (x2) (Optional)
Baud Rate	115.2 kbps (max)
Card Type	Class A and A/B
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)
McAfee Security Plus	
	Data Protection Against Malicious Virus and Malware



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