



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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