

PARmobile™



Smarter ID Management

ID Management in the 21st Century is often about strong credentialing, which involves the capture of biographic, demographic, and biometric information so as to provide strong, secure, and safe linkage between the individual, ID card, and access to highly sensitive systems. With the emergence of these requirements across government, military, and commercial organizations, solution providers are discovering the challenges and significant costs of implementing these enrollment technologies.



Who is Smartmatic?

Smartmatic is a privately owned global corporation that provides solutions for Identity Management, Voter Registration, Elections and Urban Security. In many countries, Governments outsource national voter registration, identity enrollment and elections to Smartmatic. As part of these solutions, we have developed several advanced smart devices and tools. One of them is the most flexible, cost-effective platform for identity enrollment and management, the People Authentication and Registration mobile device (PAR*mobile*).

PAR*mobile* is a portable, rugged, self-contained biometric enrollment platform, easily customizable to address the specific needs of any country, including those of the demanding US marketplace. Introduced to the US in August 2009, PAR*mobile* lets the identity registration approach move from "let's set it up and let the people come" to "let's take the system to where the people are", providing a means to overcome previously insurmountable logistics barriers and dramatically reducing the time to complete an enrollment project.

Smartmatic is providing an unparalleled opportunity for solution partners, systems integrators and value added resellers to rethink how they deploy solutions that involve identity enrollment and registry applications.

Take a few minutes to look at Smartmatic's PAR*mobile* platform. Those could be the most profitable few minutes of your year.

Why choose PAR*mobile*

PAR*mobile* delivers the most advanced, portable and robust identity enrollment device available today. It has been specifically conceived to provide a highly practical, cost-effective, and flexible option to customers in supporting the difficult and expensive requirements for the enrollment of distributed populations.

The PAR*mobile* platform provides a powerful tool for solution providers to deliver the low-cost, best-value identity enrollment platform possible with the most advanced, standards-compliant technology.

PAR*mobile* comprises an all-in-one enrollment suite, supporting the flexible 'snap-in' of standard Biobay modules providing the required combination of biometric, card, keypad, printer, and signature interfaces seamlessly.

The base platform supports digital facial image capture plus an extensive set of USB, Firewire, network and port connections for additional devices or interfaces. The PAR*mobile* suite resides in a sturdy, UL-certified, DOD-compliant, dual-core portable computer system of unique design, running MS Windows O/S.



Mobile, fully contained enrollment station

Win O/S runs COTS, GOTS, or your custom apps

10-print or Single print capture capable

Multiple BioBAYs allow for flexible configuration for any use

Lowest total cost based on comparable components

3 hr battery or 11+ hour external configuration for power



Collection of biographic information: name, last name, ID number, gender, date and place of birth, address and other predetermined information.

Registration of biometric information: Fingerprint (Single/10-print), signature and digital picture, ensuring top quality images and records using advanced measurement algorithms.

Information storage: Enrollment data is encrypted and securely stored on the platform for on-line/off-line modes in local data storage devices.

Standard & Extensible: Runs MS Windows O/S with sufficient USB, Firewire, Network, Wireless extensions to accommodate multiple external devices.

Information Security/Transfer: PARmobile supports transmission of enrollment information to central infrastructure for processing. Removable storage supports device storage and transport.

Standards

- ANSI/INCITS 378
- WSQ compression
- ISO 7811-/2
- ISO/IEC 19794-5 PDF417
- UL Certification
- FIPS 201 Devices
- JPEG/JPEG2000 CE
- ISO 7816
- ISO/IEC 19794-2
- FCC Chapter 1 part 15 class B certified

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General features

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| Motherboard model | SBC87841 Series Factor Mini ITX Chipset: Intel GME965 + ICH8M |
| CPU | Intel Core 2 Duo 2.2 GHz |
| RAM | DDR2-667 Maximum: 4.0 GB |
| Data storage | 160 GB 2.5" SATA 5400 RPM HDD Solid State Drive (option) CF (option) |
| SmartCard reader (optional) | Contact Smartcard reader - Complies with the ISO 7816 norm |
| Power source | 110 ~ 240 V (90 VAC - 264 VAC) 50Hz ~ 60Hz (47 Hz - 63 Hz) |
| Graphics | Integrated GME965 - Video Memory : DVMT 4.0, maximum up to 384MB |
| Screen | 14.1" LCD - Resolution: 1280 x 800 (24 bits) - Aspect ratio: 16:9 |
| Audio | Realtek ALC203 AC'97 - 20-bit DAC and 18-bit ADC resolution - 18 bit Stereo full-duplex, independent and variable sampling rate |
| Network card | Realtek RTL8111B default for Gigabit Ethernet with integrated Boot ROM with RPL and PXE as RJ45 connector |
| Modem | Agere Systems AC'97 Modem - 56 Kbps |
| Ports | 2 x external USB ports - 1 x USB bay protected by key - 1 x modem port (RJ11) - 1 x Network port (RJ45) - 1 x Serial port (SVGA) 1 x Video output - 1 x compact flash port - 1 x firewire port (IEEE 1394 Type A) optional |
| DC Input: | 16 V @ 5 Ah |
| Dimensions | Width: 370mm - Height: 155mm - Depth: 500mm |
| Weight | Approximately 18 Lbs (Varies according to Biobay model) |
| Internal battery | 9900 mAh, Li-Ion - 3 hours of operation |
| Operating environment | Temperature: 5°C to 45°C Humidity: 20% to 90% |
| Storage and transport | Stackable to 5 units for storage Storage temperature: 0°C to 60°C Storage humidity: 5% to 90% non condensed Protected against electrostatic and electromagnetic discharges, and electrical interference |
| Integrated keyboard | QWERTY distribution Languages: English/ French/ Portuguese/ Spanish |
| Pointing device | Touchpad |
| Software | Operating system: Windows embedded SDKs from <i>PARmobile</i> |
| Wireless Adapter | Mini PCMCIA wireless 802.11 a/b/g |
| Accessories | Power sources: <ul style="list-style-type: none"> ▪ UPS ▪ Diesel generator ▪ Car Battery with inverter ▪ Solar panels |
| | External memory support |
| | Telecommunications: <ul style="list-style-type: none"> ▪ Cell phone modem ▪ Satellite transmission ▪ External bluetooth interface |
| | Inkjet printer: used to print ID cards |
| | Document scanner for document digitalization |
| | Magnetic Card Reader: Complies with the ISO 7811/2 norm |
| | Barcode scanner: Unidimensional and bidimensional. To retrieve information contained in ID cards |
| | RW-unit: to backup the registered information |
| Security | ID Print Fingerprint Scanner Trusted Platform Module (TPM) |
| Supported standards | FCC Chapter 1 part 15 class B certified IEC 61000 Part 4-2 CE UL certification |

For purchasing information, please contact IDSales@telos.com or 1-800-505-5144

www.telos.com

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