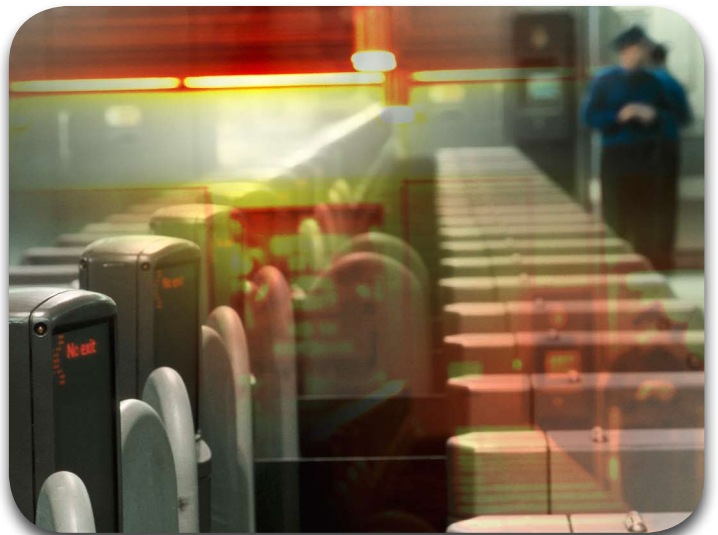
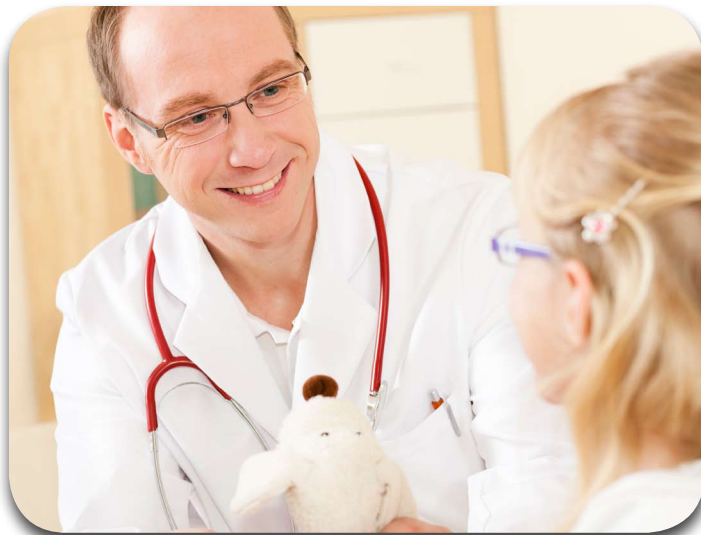


Contactless Terminal

Multi-function terminal for ease and mobility



Identification

Financial Services

Mobile Communications

» Best Fit For Your Market Needs

Payment service providers look at providing convenience in making cashless payments. Health services want an efficient way to access and process patient information in order to provide timely medical attention. Transport sector desires fast e-ticketing for the daily commuters. Public sector entities require the infrastructure to implement

various e-government initiatives. Mobile Operators are looking at playing a greater role in the NFC ecosystem and companies value good time-and-attendance systems for managing their employees. Whatever you market, Simage Technologies offers a multi-functional contactless terminal that best meets your specific needs.

» Multi-Function For Best Value

Simage Technologies has given true meaning to the term 'multi-function' with its Contactless Terminal. The terminal has been designed keeping in view the requirements of different market segments. Customers want maximum functionality with best portability. The terminal offers multi-biometrics support, printer and touchpad in highly compact and ergonomic design. The terminal also interacts with any NFC device operating under the ISO 21481 standard.

» Ease Of Deployment

- Small size allows great mobility
- Multiple communication mediums: Ethernet, RS232 connector and 3 USB slots allow connectivity via GPRS, Wi-Fi, Ethernet or direct connection to host system
- Non-printer version available, which can be easily installed at the ATMs without the need of cumbersome connections.
- Android™ OS enables easy programming and connection to the various interfaces. APIs for the Fingerprint scanner and facial recognition software provided

» Security And Convenience In Transactions

- Supports Strong Multi-Factor authentication (User PIN entry, Fingerprint, Facial recognition and Iris scan)
- Terminal Security Keys stored in firmware
- Off-Line Mode: With the use of Multi-Biometrics the terminal allows secure user verification thereby allowing transaction authorization in off-line mode with no repudiations

» Adaptive Display

- Android™ OS enables easy programming of the Terminal GUI
- High resolution screen provides rich graphics
- Strong marketing tool to service providers for advertising and service promotion
- Flexibility to change the look of the LCD display frequently

» Customizable to suit your needs

- Different colour options available
- Customer logo printing
- Programmable graphical user interface
- Terminal can also be made available without printer



Compliance to Standards	ISO 14443 Type A/B, ISO 21481, CE and RoHS Standards
Main Processor	32bit 400MHz ARM Processor
Operating System	Android™
Security Management	Security Keys stored in hardware non-readable memory
Interface with Host	RS232, 1 USB 2.0 (external), 2 USB 2.0 (internal), 1 Ethernet connector
Contactless Interface	Operating frequency: 13.56 MHz Baud rate: 106 Kbps to 848 Kbps
Display	Graphical Touchpad Display (320x480 pixels with 163ppi)
On-Board Features	1 antenna, 1 camera (2 megapixel), motion-sensor, 1 LED lamp, fingerprint scanner, 1 Thermal printer (2" with 18 line printing per sec), LCD touchpad display, slot for Keyfob
Index-of-Protection	IP 65 (Water proof), IP23 (Dust Proof)
Operating Temperatures	-20 °C to +50 °C +32 °F to +122 °F
Relative Humidity	95% Maximum
Power Supply	AC: 100-240V, 50/60 Hz DC: 12V, 2A USB Power supply 5V in RS232 Internal Rechargeable LI-Ion Battery Solar Panel (Optional)
Firmware Function	Read-Write, Biometric support



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Specifications and information subject to change without notice 05/10
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