

>> Sophisticated Banking Machines for Cash Dispenser Applications

Banking Products



ATM 650

The new ATM 650 integrates a high quality, modern cash dispenser module and various advanced components to offer the most reliable solution in the market nowadays.

VALUE AND QUALITY FEATURES

- Up to 12,000 notes capacity
- Up to 4-cassettes Cash Dispenser Module of 3,000 notes each
- Friction based, high speed notes dispenser (7 notes/second)
- Distribution of notes in Bundle up to 60 notes / operation
- Integrated Reject area built into the first cassette
- Stainless steel anti riot keyboard DES, 3DES, RSA 1024
- Highly reliable -EMV4 - Card Reader for magnetic and smart cards
- 15 " Colour LCD monitor – SVGA
- Industrial, robust PC running under Windows XP Professional
- Integrates most stringent safety standards (UL 291)
- Software built-in WOSA/XFS standards
- NDC, NDC+ full compatibility with enhanced features

Modern Design

ATM 650 has been designed according to the latest design standards. With its large LCD High Definition display, its anti-riot keyboards RSA1024 compatible and its sophisticated human interface, the ATM 650 contributes to enhance your company image.

A list of options such as Touch Screen and Ultra Bright LCD are available to build the exact ATM that matches your specific needs.

Exceptional Reliability and Safety

ATM 650 is designed to match the highest level of safety. Every component or Software has been qualified to the most stringent safety and reliability standards. Its solid safe box is built according to the UL 291 standards. Its double-coded mechanical lock and key insure secure transactional operations. ATM 650 can also be equipped with a sophisticated 3-camera system.

Standards and Software

ATM 650 architecture is based on a industrial PC running under Windows XP Professional and WOSA/XFS standard open platform. The ATM comes with a fully compatible NDC, NDC+ software with some unique enhancements that maximize the remote control of your ATM. Also the products offers facility for advertising and CRM integration.

Applications

Either using its Open Software Platform or through NDC+, the ATM 650 is designed to support any of the main applications such Withdraw, Inquire Account, Transfer Account or Change PIN's. For advance applications, a long list of options are available built around Bar Code Reader, Passbook printers, Envelope Depositor,

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Ways of installation	Lobby-Style
Display	<p>Type: 15" High Definition LCD display</p> <p>SVGA resolution : 1024 x 768</p> <p>Brightness: 400 nits - optional Ultra Bright version 1300 nits</p> <p>Number of Colors:16.2M</p> <p>Security: Anti Riot, Dust & Waterproof</p>
Cash dispenser	<p>Type: Friction - High reliable mechanism</p> <p>Speed: Up to 7 notes/second</p> <p>Transaction: Up to 60 notes in one transaction</p> <p>Escrow: Up to 60 notes can be stuck in a bundle</p> <p>Shutter: Electro Mechanical Shutter</p> <p>Reject/Retrieve: Up to 150 notes in a special reject area of first cassette</p> <p>Security: Notes Validation - Width by optical sensors - Thickness by mechanical sensing mechanism</p> <p>Capacity: Up to 4 cassettes - 3000 notes per cassette</p> <p>Denominations: Up to 4 denominations when 4 cassettes are used</p> <p>Notes size: Width: 60~82mm, Length: 120~172mm, Thickness: 0.07~0.18mm</p> <p>Cassette: Locked with one key (optional 2 keys)</p>
Card Reader Module	<p>Type: Motorized, compatible with ISO/IEC standards for transport</p> <p>Functions: ISO standard compliant for magnetic (Track 1, 2 and 3) and chip card (ISO/IEC7816).</p> <p>Shutter: Built-in</p> <p>Reject: Capture box for up to 20 cards</p> <p>Security: Reject Card in case of power interruption</p> <p>Options: Anti-Skimming and Anti-Fishing mechanism.</p>
Keyboard	<p>Type: Anti-Riot, Waterproof Keyboard with 16 keys</p> <p>Material: Stainless steel keys</p> <p>Language: English, Arabic/English, Farsi/English</p> <p>Standards: DES, 3DES, RSA1024, Visa Certified</p>
Controler Unit	<p>Type: Industrial PC located into the safe boxe</p> <p>Operating System: Windows XP Professional</p> <p>CPU: Intel® Pentium® 4 2.4GHZ</p> <p>BIOS: AMI PnP BIOS, 2 M capacity, with power supply management and virus warning.</p> <p>Memory: high performance DDR memory, 512 MB</p> <p>Hard disk: High-speed EIDE Hard disk, UDMA66 certified, 80 GB</p> <p>Display: AGP ,CRT/ LCD accelerator</p> <p>Interface: Ethernet 10/100 base T, 2 x serial interface, 1 x parallel interface, 1 x USB</p> <p>Extended bus: 2 x PCI extension bus</p> <p>External Devices: Floppy &/or CD-R/W</p>
Connectivity	<p>Standard: Modem - Serial Interface for Modem supporting up to 128k bauds Ethernet connection through</p> <p>Optional: GPRS X.25 or SNA</p>
Receipt Printer	<p>Technology: thermal printer</p> <p>Width: 8 dot/mm, 576 dot/line, 72mm (32 character per line)</p> <p>Speed: approx. 90mm/sec</p> <p>Paper: Thickness: 0.07-0.12 mm, external diameter of the paper roll: 128 mm</p> <p>Security: Programmable Paper near detection & Paper empty detection</p>
Journal printer	<p>Technology: Bi-directional impact printer (9-pin print head)</p> <p>Width: 8 dot/mm, 210dot/line, 63mm (40 character per line)</p> <p>Speed: 3.1 line per second</p> <p>Paper: The 0.07-0.12 mm, 85 mm external diameter</p> <p>Security: Programmable Paper near detection & paper empty detection</p>
Safe Box	<p>Standard: Safe box corresponds to UL 291 standards</p> <p>Security: Key and Double Coded mechanical lock</p>
Lead Through indicators	Highly visible green lead through indicators for Card Reader and Receipt
Power	<p>Inputs: 205 - 245 V , 50 Hz</p> <p>Option: Uninterrupted Power Supply allows during power cut to complete current transaction before shutting down the ATM.</p>
Operating Environment	<p>Temperature: -30° to 45° C (outdoor), 0° to 40° C (indoor), 0° to 50° C (Storage)</p> <p>Humidity: 20-95%</p>
Dimensions & Weight	740 x 1050 x 1720 mm (W x D x H), Weight: 650 Kg

Software Environment
NDC/NDC+ Software**Standard:** ISO 8593, WOSA/XFS, NDC/NDC+, Diebold**Full online Transaction, configuration and download support for NDC ATM System**

NDC 6.04 – NDC 7 functionality
 Diebold 910/911 and 920/921
 Aprta Advance NDC 2.04 functionality (*)
 EMV Level 1 and 2 certified
 Support latest EMV2000 specifications, DES, 3DES
 TCP/IP and Dial-up support
 SNA and X.25 (*)
 Terminal Controller Support (RTC)

Security Features

SSL, VPN or IPSEC on IP based system
 Remote Key Management (*)
 3DES and EMV compliance
 Complete ATM software and operating system lock-down

Supervision Applications

Secure Key Entry
 Terminal Balancing
 Settlement and Reporting (*)
 Cash Replenishment and collection (*)
 Rear Access Support
 Electronic Journal (EJ) with file update
 Access to system trace data
 Full audit capabilities

Additional Features (*)

WEB-enabled and HTML screen support
 MStatus ad XFS status sent to Host for monitoring
 Software distribution
 Advertising and CRM integration support
 Ping function
 (*) Features available with fully featured license software.

Options

- Additional Cassettes,
- UPS (Uninterrupted Power Supply),
- Touch Screen Monitor,
- Camera,
- Bar code Reader,
- NDC module,
- Envelop Deposit Unit,
- Passbook printer,



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