

BioCash 1512

Biometric Automated Teller Machine



Biometric ATM

Consider an ATM that authenticates the user by his / her fingerprint. Consider the security this biometric authentication provides. Consider the convenience to the user, as question of forgetting the PIN never arises.

Aerocar biometric ATM provides all these benefits and much more. The ATM is designed to be robust, stable, maintenance free and has a low cost, not just low cost of acquisition but of overall ownership.

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Aerocar biometric ATM model "Biocash 1512" functions under Linux operating system, and communicates with the financial switch using generic ISO 8583 messaging format. The Linux OS saves money in terms of annual licensing cost and the ISO 8583 messaging avoids any royalty fee associated to proprietary messaging formats. Therefore use of Linux as an OS and ISO 8583 messaging format reduces both the cost of acquisition and cost of maintenance of the ATM.

In addition to these features BioCash1512 comes standard with a bright 15 inch liquid crystal display with touch screen; 3.5 inch thermal receipt printer with cutter, presenter and retractor, an EMV enabled motorized card reader and a 3DES metallic PIN Pad. The presenter type cash dispenser can accommodate up to 6 cash cassettes with 3000 bank notes each.

The finger print scanner has a large scan area and has an extremely low false acceptance rate, which makes it ideal for financial transactions.

BioCash 1512 is an entry level biometric ATM from the Aerocar BioCash Family of products. With its compact size, it is ideal ATM for locations with limited space and with focus on cash dispensing. With up to six cassettes holding up to 3000 bank notes each BioCash 1512 guarantees maximum availability at installations outside bank premises, such as supermarkets and service stations.

Bio-metric security, ergonomically designed, low cost of acquisition and maintenance makes BioCash 1512 an ideal ATM.



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Specification for BioCash 1512

System Controller

Intel P-4 at 2.4 Ghz or better, 512 MB RAM, 80 GB Hard Disk Industrial grade PC.

Display

High brightness, 15.1" TFT LCD panel, auto scaling VGA, SVGA and XGA resolutions

User Interface

Integrated Touch Screen

PIN Pad

16 Stainless Steel soft keys Encrypting PIN Pad
Numeric Function including 4 function keys
3DES
VISA ped certified
Labeling in local language and braille(option)

Card Handling

Hybrid card reader (Motorized)
EMV 2000-certified
Tamperproof card slot
Card retained if not removed
Card returned in case of power failure

Operating software

Linux Fedora core 2

Application software

Cashier with ISO 8583 messaging interface

Environmental Conditions

Temperature: +5° C to + 40° C
(+41° F + 104° F)
Rel. humidity: 5% to 85%

Cash Dispenser

1 to 6 cassettes
Maximum capacity per cassette, 3000 new bank notes (Approximately)
Single reject/ bundle retract. Bundle up to 99 bank notes
Lockable cassette
Low cash sensor
Addressable cassettes

Camera

Integrated transaction camera

Biometric Scanner

Fujitsu finger print CMOS scanner

Printer

Thermal Receipt Printer 3.5 inch, cutter, presenter and retractor
Paper roll size up to 6 inch dia

Speakers

Weather proof speakers with built in amplifier

Security

Vault
UL 291 Business Hours
UL 291 Level1

Noise Levels

Standby: 46 db(A)
Operational: 51 db(A)

