

e-Smart Combo

Application Suite

- Merchant Payment
- Mail Order
- Telephone Order
- Bill Payment
- eCommerce
- Loyalty
- e-Cash Payment
- Vending Machines
- e-Banking
- Strong Authentication
- e-Documents
- ID Card



Primary Address

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Datanet Systems Limited



Specification

e-Smart Card

- Axalto Payflex 4K based
- Upto 10 e-Purses
- Upto 10 3DES Authentication Keys
- 2 Kbytes e-Documents File
- LoCo Magstripe
- Chip personalized – to customer specifications
- Plastic personalized (4/0 color printing) – customer supplied artwork
- Full traceability & Remote Card Management (from Datanet's Anyflow™ Server)

eCom Pocket

Hardware Specifications

- 4-bit single chip microcontroller
- 256byte internal RAM
- 8Kbytes internal OTP ROM
- 14 segment Star-burst Alphanumeric LCD with one line of 14 characters
- Rubber mat keyboard with 16 keys
- Operates from 2 CR2032 Li replaceable non-rechargeable coin cells providing a nominal operational life in excess of 5 years
- Tamper evident case design

Card Interface

- Full ISO7816-1/2 compatible
- ID1 sized card
- ISO7816 - T=0
- 100,000 insertion cycles.

General Information

- Weight: 40g
- Dimensions: 90 x 68 x 12 mm
- Operating Environment: 0 to +50°C ambient, 10 to 90% relative humidity (non-condensing)
- Transit and Storage: -10 to +60°C ambient, 5 to 95% relative humidity (non-condensing)

Built-in Functions

- Change PIN
- Get Purse Balances (in upto 10 e-Purses)
- Download e-Cash (into upto 10 e-Purses)
- Generate TAC (Transaction Authorization Code, using one of upto 10 3DES keys)
 - Challenge – Response (Strong) Authentication
 - Generate Digital Signatures (unlimited number of upto 8-digit numeric data items, such as Order Number, Amount, Date, Account Type, Account Number, etc.)