

JADEAIRE

Merchants On The Move?
Make them YOUR CUSTOMERS with



The Stylish WIRELESS Payment Device for MOBILE Consumers

The way people live, play and shop around the world is undergoing major changes. We want to enjoy ourselves anywhere, anytime. We, the consumer, have gone mobile.

Merchants globally are catching up with the way people live. JADEAIRE allows merchants and consumers the freedom of where and how to pay.

CyberNet's *JADEAIRE* is the most compact and stylish mobile payment terminal. It is a revolutionary solution for consumers' portable or mobile payment needs, bringing together advanced wireless technologies and CyberNet's experience in making quality, versatile and integrated payment terminals. And it is designed to fit into the palm of your hand.

JADEAIRE delivers the combintion of the latest payment capabilities and the most sophisticated wireless technologies (GSM, GPRS & CDMA) to process payment anywhere, anytime, by the merchants on the move.

JADEAIRE provides numerous conveniences for:

- Home delivery services
- Taxi cabs & limousine services
- . Kiosks & sports stadium vendors
- Tradeshow, exhibition & event vendors
- Restaurants
- Flea markets
- · Services: Plumbers & appliance repairmen

Even though JADEAIRE was specifically designed for the mobile consumers and merchants, this powerful payment terminal takes up very little space on the merchant counter. Its light weight makes it easy to be carried around in a restaurant or in a sports stadium for accepting various forms of payment. Other key benefits are:

Superior security & performance

- Fast 32bit processor cuts the transaction processing time, not the performance
- Capable of handling multiple applications with up to 4 SAMs

Maximum versatility

- · Internal PINpad support Visa PED compliant
- Optional fast 33.6Kbps modem in docking station

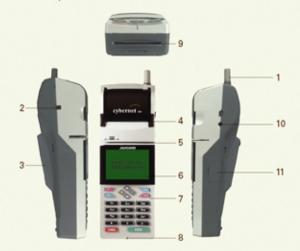






Feature-rich...User-friendly... Easily managed...Future proof... Affordable price

Processors, banks and independent sales organizations (ISOs) identified "getting the best overall value from payment terminals" as one of five most important techniques for controlling costs. And one of the most effective ways to achieve cost reductions is to deploy Point-of-Sale payment solutions that are feature-rich, flexible, reliable, user-friendly, easily managed and future-proof at an affordable price. CyberNet's payment terminals are designed with these important characteristics in mind.



- 1 Antenna
- 2 Cigar power connector
- 3 Battery
- Paper cutter
- 5 MSR
- LCD
- 7 Keypad
- Signal lamp Smartcard reader
- 10 Serial port
- 11 GSM SIM cover

Technical Specifications



Handset

Processor

· RISC 32bit (ARM 7)

Memory

SRAM: 512KB (Option: Up to 1MB)

• Flash: 1.5MB

Display

. 132 x 64 pixel graphic display with icons

Lines x characters: 8 x 22, 4 x 16, 4 x 8

Backlit

Keypad

22 keys

Magnetic-stripe card reader

Tracks: 1&2 or 2&3

Bi-directional

Smartcard reader

· ISO7816 compliant

. EMV level I (2000) certified

Security Access Module (SAM)

. 2 (Option: Up to 4)

Wireless modem

GSM, GPRS: 900/1800MHz, 850/1900MHz

CDMA: Customization needed

Peripheral ports

RS232 x 1 (Rx, Tx, GND)

Security

· DES, 3DES encryption

DUKPT, Master/Session key management

Visa PED compliant

Printer

2" thermal

• 12 lines/sec

Clamshell paper loading

 Paper dimensions Length: 9m Width: 57mm

Battery

Li-ion 7.4V/950mAh

Built-in battery charger

External antenna

Accessories (Option)

· Leather case

Cigar lighter cable

RS232 cable

Physical dimensions

78mm (W) x 219.3mm (L) x 69.5mm (H)

Weight

625.5g

Docking Station

Wired modem (Option)

Async: 33.6Kbps
 Sync: 1200, 2400bps

Peripheral ports

RS232 x 1

Telco x 2

Power

Input: AC 100V ~ 240V, 50/60Hz

Output: DC 9.0V/3.0A

Physical dimensions

78mm (W) x 234.7mm (L) x 58mm (H)

Weight

· 286.5a

Environmental

Operating temperature: 0 ℃ ~ 40 ℃

* Storage temperature: -40 ℃ ~ 65 ℃

Software Environment

CyberSoft

CyberAPI

EMV level II (2000) certified



Software Development Tools

CyberWrite

Since CyberWrite is a complete GUI, all the features of a windowing environment such as "Point & Click" and "Drag & Drop" visual programming methodology is supported, allowing users to create applications in an IDE that is delivered in Java™.*

CyberTerm

Applications written with CyberWrite can be tested and debugged on the host development system using CyberTerm, a PC based simulator to test and debug the applications before loading to any terminal or target devices.*

*Available on PC (Windows), Apple, Unix, Linux





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