



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 combination 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
- 4 Paper cutter
- 5 MSR
- 6 LCD
- 7 Keypad
- 8 Signal lamp
- 9 Smartcard reader
- 10 Serial port
- 11 GSM SIM cover

EMV APPROVED LEVELS I & II

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

- 286.5g

Environmental

- Operating temperature: 0°C ~ 40°C
- Storage temperature: -40°C ~ 65°C

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



EMV APPROVED LEVELS I & II

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The logo for Cybernet Inc. features a stylized yellow arc above the word "cybernet" in a bold, lowercase sans-serif font, followed by "inc." in a smaller, lowercase sans-serif font.

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