



NURIT[®] 8100

Secure Payment Terminal



NEXT-GENERATION POS SOLUTION... READY FOR TODAY AND PREPARED FOR TOMORROW

The NURIT 8100 is specifically designed to meet the storage and security needs of today's merchants. With the secure internal PINpad, high security standards and extra storage capacity, Lipman has created a terminal that supports the applications and memory requirements of the future. The terminal is equipped with 4MB of Flash Memory and 2 MB of RAM, making it the merchant's clear choice for a future proof transaction solution.

The NURIT 8100 Desktop Transaction Solution is the next generation in a long line of quality products from Lipman. With a removable and field replaceable printer, the NURIT 8100 is easy to service and maintain. An ATM-like graphical display, an integrated Ethernet port and a high-speed modem, this terminal is not only one of the most user-friendly terminals on the market, it is also one of the fastest.

SAME SUPERIOR QUALITY AND PERFORMANCE. . . NOW, EVEN EASIER TO USE

- ATM like graphical display with three additional hot keys on either side of a large LCD display provides one-touch access to customizable functions and applications.
- Utilizing the same ARM-based processor as the NURIT 8000, the NURIT 8100 is backward compatible with other NURIT POS terminals, enabling integration of previous development.
- Field replaceable printer means that a service call need not interrupt transaction processing capability.
- Secure, Internal PINpad meets the highest security standards available today.
- An integrated Ethernet port offers merchants the latest in communication technology and the ability to integrate into a local area network.
- Up to a 56K modem speed ensures that transactions are quick and efficient.
- 4 MB flash, 2 MB RAM and an optional removable flash disc provides the memory and the storage capacity required for today's applications and those of the future.



TransAction Solutions™

RETAIL - LARGE & SMALL

DELICATESSENS

CONVENIENCE STORES

RESTAURANTS

FOOD SERVICES

MALL KIOSKS

CONCESSIONS

CONVENTION CENTERS

SHOPPING CENTERS

ENTERTAINMENT VENUES

BUS & TRAIN STATIONS

PARKING GARAGES

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OPTIONAL RADIO MODEM OFFERS EVEN MORE FLEXIBILITY

With the addition of an optional CDMA or GPRS Modem, the NURIT 8100 can be utilized as a desktop wireless terminal as well, offering merchants another connectivity option.

REMOVABLE THERMAL PRINTER MAKES OPERATION AND SERVICE A BREEZE

The removable thermal printer provides easy load functionality and 15 lines per second printing capability.

With the simple turn of a screw, the NURIT 8100's thermal printer can be easily detached from the main unit. This means that in the unlikely case a repair to the printer is required, the ability to process transactions does not have to be compromised. Less downtime means more transactions. More transactions mean more revenue.

SECURITY STANDARDS

Designed to meet the demanding security requirements of the future, this sophisticated terminal offers an exceptionally high level of security, enabling secure transactions and well as secure downloads

- Internal PINpad
- DUKPT, Master/Session Key, Fixed Key
- DES and 3DES
- VISAPed Secure
- H/W – Passive and Active Security
- RSA signature secured download
- HTTP, SSL

To find out more about the complete NURIT Family of transaction enhancing solutions, call Lipman toll-free at 1-800-454-7626 or visit www.lipmanusa.com

SPECIFICATIONS

Dimensions

- 3 1/16" x 5" x 9 13/16"

Display

- Black & White LCD
- 128 x 128 pixels
- 60 mm x 60 mm
- backlit

Keyboard

- 3 softkeys on either side on each side of the LCD display
- 20 keys on main keypad (5 columns x 4 rows)

Printer

- Removable thermal printer
- 15 lines/sec printing speed
- 24/36 characters/line
- 8 dots/mm resolution (384 pixels/row)
- Easy load drop in printer

Magnetic Card Reader

- Dual track with optional 3rd track
- Dual direction

Smart Card Slot

- Optional
- ISO 7816 contact
- EMV Level 1 certified

SAMs

- up to 4 optional, externally accessible
- ISO 7816 contact

CPU

- ARM7 / 32 bit

Flash Memory

- 4MB Standard

RAM

- 2 MB Standard

Removable Memory

- Optional removable flash "disk"

Temperature

- Operating 59° to 149° Fahrenheit
- Storage -22° to 176° Fahrenheit

Relative Humidity

- Up to 95% non-condensing

Operating System

- NOS 7 Multi-Application Support

Applications

- Approved EMV L2 Kernel
- Cross Platform Compatibility

TCP/IP

- IP, HTTP, SSL, FTP ...

Security

- Internal PINpad
- DUKPT, Master/Session Key, Fixed Key
- DES and 3DES
- VISAPed Secure
- Optional FIPS 140-2 140-2 Level 4 cryptographic module (pinpad)
- H/W – Passive and Active Security
- RSA signature secured download

Modem

- 1200/2400/14400 bps modem
- Optional 33.6kbps V.34
- Optional 56kbps V.90
- Fast Connect
- Asynchronous and synchronous
- HDLC

Radio Modem

- Optional GSM/GPRS

Local Ports

- Line
 - 2 x RJ-11 2/6
 - "No-line" detection
 - Auto-answer
- PINpad port
 - RJ-11 4/4
- COM (RS-232 port)
 - 2 x RJ-45 8/8
- Optional 10BaseT Ethernet

Power Input

- 12-18Vdc/1.5A
- Switching power supply (16Vdc)



TransAction Solutions™

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Enhanced by
NURIT APPS™