



## APPLICATIONS:

DEBIT

ELECTRONIC BENEFITS  
TRANSFER (EBT)

SMARTCARD

CONNECTIONS FOR:

POS TERMINALS

CASH REGISTERS

PCS



# NURIT<sup>®</sup> Security Solutions

## TECHNOLOGY FOR SECURING SAFETY AND CONFIDENCE

Your customers demand a point of sale environment that is safe and secure. In today's digital economy, customers fear they may fall prey to information tampering and piracy. Protect the integrity of your business with built-in or handheld dependable solutions that put security right at your customers' fingertips.

### THREE SMART AND FLEXIBLE OPTIONS SAFEGUARD EVERY TRANSACTION

NURIT Security Solutions facilitate PIN-based debit entry for conducting safe and economic point of sale transactions. Lipman is also adopting EMV (EuroPay, MasterCard and Visa) for all its new security products. These industry standards were published to specify numerous transaction advantages, such as increased security to protect against fraud as well as allowing for lower telecommunications costs.



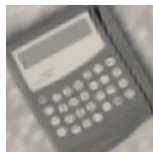
#### NURIT<sup>®</sup> 202 Handheld PIN Pad

- "Hand-over" design provides consumer with greater control over transaction.
- Supports Derived Unique Key Per Transaction (DUKPT), Masterkey/Sessionkey and other standards to enhance security and management.
- Canadian standards are accepted through Interac compatibility and certification.



#### NURIT<sup>®</sup> 272 Smart Card Reader / PIN pad

- "Hand-over" design provides consumer with more control over transaction.
- EMV-compatible smart card reader provides support for all types of smart card applications.



#### NURIT<sup>®</sup> 2080 Self-Swipe Consumer Station

- Provides full POS terminal functionality with a built-in PIN pad.
- Delivers an affordable all-in-one debit, credit, EBT, built-in PIN pad, smart card reader and integrated POS terminal solution.

NURIT 2085, 3010, 3020 and 8000 POS terminals can also be configured with internal PIN pads and smart card readers. Our bundled configurations deliver affordable space-saving solutions.

### NURIT APPS<sup>™</sup>

- Address verification service (AVS) as well as CVV2, CVC, and other credit and T&E card security features reduce fraud for keyed-in and card not present transactions.
- Re-enter last 4 digits of card number option to reduce acceptance of counterfeit cards by merchants.
- Masking all but last 4 digits of credit cards on cardholder receipts protects the consumer from fraud.



TransAction Solutions<sup>™</sup>



# NURIT<sup>®</sup> Security Solutions

## BUILT-IN OR HANDHELD SECURITY SOLUTIONS GIVE MERCHANTS THE POWER OF CHOICE

As either standard or optional equipment, NURIT POS terminals come with built-in PIN pads and smart card readers, and are available with a countertop swivel cradle to ensure transaction safety and security. They provide consumers with the convenience and confidentiality of controlling the transaction by swiping their own debit/credit cards, dipping their own smart cards and keying-in their PINs. Compact all-in-one integrated NURIT terminals free up limited counter space. NURIT Security Solutions comply with the global EMV Level 1 standard and will provide software libraries compliant with the EMV Level 2 standard.

### SMART CARD READERS MAKE INTELLIGENT SOLUTIONS

Smart card readers are smart for business since they enable you to accept new payment types based on consumer demand, increasing revenue by providing your customers access to more buying power. Smart card shopping is gaining popularity as retailers, restaurateurs and other merchants seek solutions for differentiating their businesses. Common smart card applications include:

- Payment Cards - for debit, credit or prepaid purchasing
- Loyalty Cards - to support promotions, such as frequent shopper programs
- Health Care Cards - containing confidential patient histories
- Multi-Purpose Access Cards - that can be tied to specific locations, events or venues

### SELF-SWIPE SOLUTIONS KEEP CONSUMERS IN CONTROL

NURIT terminals enable consumers to maintain physical possession of their debit, credit or smart cards. Wireless terminals as well as wall-mountable and countertop swivel stands support customer-activated functions in different checkout configurations.

Be sure to ask how NURIT Security Solutions can satisfy your demanding customers' needs today and tomorrow, while improving your business performance. To find out more about the complete NURIT Family of transaction-enhancing solutions, call Lipman toll-free at 1-800-454-7626 or visit us at: [www.lipmanusa.com](http://www.lipmanusa.com)



### SPECIFICATIONS

#### 202 & 272 Hardware

- 2 line x 16 character display
- 16-key keypad
- Memory
  - 202: 8KB RAM, 64KB ROM, EEPROM
  - 272: 64KB RAM, 1MB Flash and up to 32KB EEPROM
- Data interface
  - 4-pin RJ-11C connector
  - V.24 / RS-232
  - Asynchronous serial
  - 1200 bps default, 300 to 19.2kbps selectable
- Physical / Electrical
  - .94" (H) x 2.81" (W) x 6.84" (L)
  - Weight - .42 lbs.
  - Power - 6 to 14 vDC at less than 30mA
- 202 Security
  - DES & DUKPT support
- 272 Security
  - DES, DUKPT and RSA support
  - EEPROM chip key storage
  - SAM security sockets
  - Recognized "tamper-proof"
- Smart Card - 272 only
  - ISO 7816-1, 2, 3; EMV level 1 type approval
  - Certified by Visa

#### 2080 Hardware

- 2 line by 16 character backlit display
- 30-key keypad with 13 programmable keys
- Track 2 card reader
- 32-bit Motorola microprocessor
- 512KB Flash for programs
- 1MB RAM for user data
- 300/1200 bps modem
- Data Interface
  - 2 x RJ-11 2/6 connectors
  - 1 x 8-pin DIN connector
  - 1 x RJ-11 RS-232 port
  - 1 x RJ-45 RS-232 port
- Optional features
  - Track 1&2 reader
  - Built in PIN pad
  - Smart card reader with SAM (ISO-7816)



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Enhanced by  
**NURIT APPS™**