BENEFITS AT A GLANCE

○ Elegant and sophisticated two—unit solution
ideal for EMV migration

○ Incorporates the most advanced payment technologies

○ Compact ergonomic design

○ Meets the stringent and evolving security demands of the
electronic payment industry

NURIT 8210

It's not just a number.
It's a concept.

The NURIT 8210 is a unique and exceptionally secure POS device comprising a handover customer interface unit with internal PIN pad and a base unit that contains a printer and provides communications and connectivity. This elegant and sophisticated two-unit solution has a compact ergonomic design, a variety of customization options, and an array of impressive features. Incorporating the most advanced security methods and payment technologies, the groundbreaking NURIT 8210 offers merchants and cardholders unprecedented convenience and supreme efficiency.

Exceptional Security
The NURIT 8210 implements the latest in security technology, meeting the stringent and evolving security demands of the electronic payment industry, including PCI PED Online and Offline. Active and passive mechanisms provide unrivalled protection against fraud.

Compact and Convenient
With its sleek design and small footprint, the NURIT 8210 two unit integrated solution is incomparable in its convenience and ease of use. Its high-quality features are divided between the robust base unit and the lightweight, ergonomic customer interface unit to eliminate component

duplication and to optimize functionality.

Ideal for EMV
The handover unit's secure internal PIN pad, integrated smart card reader and magnetic stripe reader enable smooth and economical migration to PIN-based EMV transactions.

High-performance Features
The NURIT 8210 has two powerful processors. Large internal memory and optional removable SD/MMC Flash memory enable storage of vast amounts of data. Sound and voice capabilities are available for advertising and user instructions.

VeriFone®
THE WAY TO PAY™

NURIT 8210

SPECIFICATIONS

Processor
Dual 32-bit ARM RISC microprocessors

Memory
6MB up to 20MB
(4-16MB Flash, 2-4MB RAM);
optional SD/MMC card

User Interface
128 x 64 pixel backlit graphical display;
multi-language font support; 20-key
ergonomic keypad

Magnetic Card Reader
Dual or optional triple track, vertical
swipe, bi-directional, ISO 7811, high and
low coercivity

Smart Card
EMV 2000 Level 1, ISO 7816; 5 V, 3 V and
1.8 V cards; T=0, T=1, asynchronous,
synchronous

SAM sockets
Optional 2 or 4 SAM sockets

Peripheral Ports
Two RS-232, external telephone,
external speaker

Printer
Thermal graphical printer;
15 lines/second; 8 dots/mm;
57 mm (2.35 in) wide paper; easy-load
mechanism

Communications
14.4 kbps modem
(V.21/V.22bis/V.23/V.32bis), up to 56 kbps
optional (V.34/V.92);
HDLC, TCP/IP; optional 10BaseT
Ethernet

Security
PCI PED Online and Offline, secure
internal PIN pad with Triple DES
encryption, secure download

Physical
Total unit: H 85 mm (3.35 in) x W 105
mm (4.13 in) x D 255 mm (10 in);
795 g (1.75 lb)
Handheld: W 95 mm (3.74 in) x
D 175 mm (6.9 in);
300 g (0.66 lb)

Environmental
Operating temperature: 0° C to 50° C;
storage: -20° C to 60° C;
humidity: 5% to 95% non-condensing

Power
100-240 VAC switching power adapter;
DC output 16 VDC/1.5 A

Features & Benefits

Exceptional Security

- PCI PED Online and Offline, APCA,
  ETSL security approval

- Secure internal PIN pad with
  Triple DES encryption

Multi-application Versatility

- Powerful multi-application NURIT
  Operating System (NOS) providing
  application compatibility with all
  NURIT devices

- Secure multi-application environment
  with secure software download

- Large RAM and Flash for multiple
  applications

Ideal for EMV

- Handover unit for convenient PIN
  entry and card reading

- EMV 2000 Level 1 smart card reader
  and Level 2 Kernel

High-performance Features

- Dual fast 32-bit ARM processors
  (one in each unit)

- Optional removable SD/MMC Flash
  memory

- Large backlit easy-to-read graphical
  display with multi-language font
  support

- Internal high-speed modem and
  optional Ethernet LAN

- Internal speaker and connector for
  external speaker for audio and voice
  guidance

- Fast, quiet, easy-load thermal printer

- Easily accessible connectors for
  multiple peripheral devices and
  communications

**NURIT Control Center Streamlined
Management**

- Facilitates deployment and support
  of a network of NURIT devices

- Simple integration and management
  of a wide range of market-specific
  applications

- Scalable, intuitive and easily-
  customized system

- Parameter and software download
  over popular networks

- Deployment inventory and merchant
  help desk management

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