## BENEFITS AT A GLANCE

- Unparalleled connectivity configurations for diverse environments

- Options and upgrades offer scalability for additional capabilities

- Backward compatibility with all NURIT applications for investment protection

- PCI PED approved; meets the latest security standards

# NURIT 8400

## Remarkable Flexibility with Secure Performance

**The NURIT 8400** is a robust countertop payment device with unparalleled flexibility. Its configurable options make the NURIT 8400 easily adaptable to a variety of environments and offer investment protection as retailers' business needs change.

Ideally suited for small to medium-sized retailers that need a solid, long-lasting performer with enhanced security, the PCI PED approved NURIT 8400 is the countertop of choice. This multifunctional payment device supports debit, credit, EMV and value-added applications, such as loyalty programs, gift cards, prepaid and other services.

In addition to providing fast, secure payments, an array of communication options are available, including 14.4 kbps or 56 kbps dial, LAN via Ethernet or RS-485, and GPRS wireless connectivity. Further, USB host/client and additional RS-232 ports are available for unparalleled peripheral connectivity.

Its flexibility doesn't stop there. Select either 3MB, 6MB, or up to 12MB of memory for the increasing memory needs for value-added applications. Also, add a long-lasting internal battery for backup operation, or SAM and SD/MMC sockets for enhanced security and memory. These can be easily upgraded or added – even after initial deployment.

Its proven multi-application NURIT Operating System (NOS) provides compatibility among all NURIT devices for easy deployment and a smooth migration from non-PCI PED payment systems. All NURIT applications can be quickly and easily ported to the NURIT 8400.

The sophisticated NURIT 8400 is equipped with advanced technology and meets the most stringent security standards, including PCI PED and EMV Level 1 and 2 Type Approvals. It incorporates a full range of encryption and key management capabilities to meet acquirer security requirements worldwide. Plus, no other company knows payment security like VeriFone.

**VeriFone®**
THE WAY TO PAY™

## Adaptability and Security at Its Best

# NURIT 8400

## SPECIFICATIONS

**Processor**
Fast 80 MHz, high-power 32-bit RISC microprocessor

**Memory**
6MB (4MB Flash, 2MB SRAM); optional 3MB (2MB Flash, 1MB SRAM) or 12MB (8MB Flash, 4MB SRAM); optional SD/MMC card

**Display**
128 x 64 pixel backlit graphical LCD display; multi-language font support

**Keypad**
20-key ergonomic keypad; secure internal PIN pad with triple DES encryption

**Magnetic Card Reader**
Triple-track, vertical swipe, bi-directional; ISO 7811; high and low coercivity

**Smart Card Reader (optional)**
ISO 7816; 5V, 3V and 1.8V cards; T=0, T=1, asynchronous, synchronous; EMV 2000 Level 1 approved

**SAM Sockets (optional)**
2 or 4 SAM sockets

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

**Port Combinations**
Standard modem/tel/pinpad/2xRS232 or modem/tel/pinpad/1xRS232/Ethernet; additional multiple port combinations are optional, including USB-device and USB-host

**Printer**
Ultra high-speed, thermal graphical printer with easy-load paper mechanism; 18 lines/second; 8 dots/mm; 57 mm (2.35 in) wide paper

**Dimensions**
H 80.7 mm (3.2 in) x W 110 mm (4.3 in) x D 232.5 mm (9.2 in)

**Environmental**
Operating temperature: 0º to 50º C (32º to 122º F); Storage: -20º to 60º C (-4º to 140º F); Humidity: 5% to 95% non-condensing

**Power**
90-264VAC switching power adapter; DC output 9VDC / 4A. Optional 2200 mAh Lithium-ion battery

## Features & Benefits

### Unparalleled Flexibility and Functionality

- Choice of communication options – including high speed internal dial modem, Ethernet LAN and GPRS – available in different configurations meet current and future needs

- Easily accessible serial and optional USB ports connect peripheral devices and accessories

- Product options and upgrades available as needed – even after initial deployment – including SAM and SD/MMC sockets and internal Lithium-ion back-up battery

### Multi-application Versatility

- Powerful multi-application NURIT Operating System (NOS) provides compatibility with all NURIT applications for smooth migrations and quick time to market

- Up to 12MB total memory to support larger, more complex value-added applications

### Exceptional Security & Dependability

- PCI PED approved for debit and other PIN-based transactions

- Designed to meet many regional security standards

- Secure internal PIN pad with Triple DES encryption for data security

- EMV Level 1 and Level 2 Type Approval reduces fraud and increases cardholder confidence

- 32-bit processor for fast, efficient processing

- Bi-directional, triple-track magnetic stripe card reader for accurate swipes

- Large backlit display with multi-language font support eases use and readability

- Easy-load thermal printer prints at 18 lines per second for quick and hassle-free receipts

### 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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