

## BENEFITS AT A GLANCE

- Wide range of wireless network options
- Secure internal PIN pad and EMV smart card reader
- Large touchscreen display
- Ideal for value-added applications



## The Future in the Palm of Your Hand

The NURIT 8000 is the leading handheld wireless POS device. This secure and sophisticated solution offers an exceptionally wide range of communication options for mobile markets everywhere. An impressive array of advanced features and powerful processing capabilities make the NURIT 8000 an ideal platform for on-the-go transactions and a large variety of vertical market applications. This advanced handheld solution is designed to provide a fast and efficient means of achieving increased and diverse revenue.

### Vertical Versatility

The NURIT 8000 enables mobile retailers to bring their products and services directly to customers.

In restaurants, markets, sports arenas, taxis or even at the customer's own front door, merchants can perform highly secure card-based transactions with speed and ease.

Touchscreen display with electronic signature capture, optional large removable SD/MMC Flash memory, voice and SMS cell phone options, and easy integration with back-office management systems are just a few examples of the value-added functionality provided by this lightweight and versatile terminal.

### High-grade Security

Incorporating sophisticated tamper protection mechanisms and a secure internal PIN pad with Triple DES encryption, the

NURIT 8000 is approved by Visa and MasterCard for secure PED transactions and software downloads.

### Wide Variety of Communication Options

The NURIT 8000 supports virtually all wireless communication technologies and protocols, including GSM/GPRS, CDMA and WiFi. TCP/IP is also available for Internet-based communications. Via its docking station or its optional external modem, the NURIT 8000 also offers a wide range of landline communication options.

# NURIT 8000

Secure Palmtop Solution

# NURIT 8000



NURIT 8000 on optional Docking Station



Vehicle adapter



External modem

## SPECIFICATIONS

### Processor

32-bit ARM RISC microprocessor

### Memory

3MB up to 12MB  
(2-8MB Flash, 1-4MB RAM);  
optional SD/MMC card

### User Interface

128 x 128 pixel backlit touchscreen graphical display; multi-language font support; 18-key ergonomic keypad

### Magnetic Card Reader

Dual or triple track, horizontal 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 and SIM sockets

Optional 1 or 2 SAM sockets;  
One SIM card slot

### Device Ports

RS-232 for external landline modem and other peripherals

### Printer

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

### Security

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

### Communications

Built-in radio modem;  
internal antenna  
Wide range of networks:  
GSM/GPRS; CDMA, WiFi 802.11b  
wireless LAN; TCP/IP; Optional external or docking station landline modem

### Dimensions and Weight

H 55 mm (2.2 in) x W 91 mm (3.6 in) x  
D 210 mm (8.3 in); 600 g (1.3 lb)  
including battery pack and paper roll

### Environmental

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

### Battery and Power

Rechargeable and replaceable internal Lithium-Ion battery  
100-240 VAC fast charger,  
output 8.2 VDC/1.0 A

### Optional Accessories

External landline modem;  
Docking station;  
Vehicle adapter;  
Multiple battery charger

## Features & Benefits

### Exceptional Security

- Visa PED Online and Offline 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
- Large RAM and Flash for multiple applications
- Optional removable SD/MMC Flash memory

### High-performance Features

- Internal high-speed radio modem with internal antenna
- Fast, high-power 32-bit ARM processor

- Large backlit easy-to-read graphical display with multi-language font support
- Fast, quiet, easy-load thermal printer
- EMV 2000 Level 1 smart card reader and Level 2 Kernel
- Bi-directional 2-track magnetic stripe card reader (3-track optional)

### Wide Range of Optional Accessories

- Docking station with internal modem for landline communications, for internal and spare battery recharge, and for connection to a variety of peripheral devices
- External modem for fast landline communications
- Multi-charger for simultaneously charging up to four batteries
- Vehicle adapter for battery recharge

- Cellular headset connector for optional mobile phone functionality
- Carry case with optional shoulder strap and belt clip for hands-free carrying

### NURIT Control Center Streamlined Management

- Facilitates deployment and support of a network of NURIT terminals
- 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