

## BENEFITS AT A GLANCE

- Easily integrates with existing ECRs or POS devices
- Protects transactions with the latest security, including PCI PED approval
- Accepts a variety of mag-stripe and EMV smart card transactions
- Easy to hand to consumers for PIN entry



# NURIT 293

PIN-based Perfection

## A Handy Way to Handle PINs

The NURIT 293 PIN pad is a very handy way for your merchant customers to handle the rapid increase in PIN-based transactions. Lightweight and compact so it's easy to hand to consumers – yet powerful and packed with the latest security protections – the NURIT 293 lets merchants cash in on new business, quickly and cost-effectively.

### First in Flexibility

Your merchant customers won't find a more flexible PIN pad anywhere. The NURIT 293 has both a magnetic-stripe and smart card reader, so it accepts a variety of payment and value-added transactions – to help merchants increase customer retention and generate

additional revenue. The PIN pad relies on the same NURIT Operating System (NOS) as other NURIT payment devices, so any NOS-based application – including payment, loyalty, cardholder identification, and electronic purse – will run on the NURIT 293 with no changes.

Another advantage is the NURIT 293 fits into almost any environment. Merchants can connect the PIN pad to almost any ECR or POS device. Merchants can connect the PIN pad to existing ECRs or POS devices in their stores.

### Security That's Second to None

The NURIT 293 meets the most stringent PIN security standards – including PCI PED

– to reduce fraud and misuse. The powerful multi-application NURIT Operating System provides software separation so all applications can co-exist securely.

Sophisticated encryption and key management techniques further safeguard financial data. EMV Level 1 and Level 2 Type Approval ensures secure EMV operation.

### A Perfect Package

Merchants get all this in a user-friendly, ergonomic device with a large graphical display, which is easy for consumers to hold and use. And that makes the NURIT 293 the picture of PIN-based perfection.

# NURIT 293



## SPECIFICATIONS

### Processor

32-bit ARM RISC microprocessor

### Display

128 x 64 pixel backlit graphical LCD; supports up to 8 lines x 21 characters

### Memory

128 KB RAM for encryption keys and optional 1 MB, 2 MB or 4 MB SRAM for transaction data; 2 MB, 4 MB or 8 MB Flash

### Magnetic card reader

Dual track (1/2 or 2/3) or optional 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

Up to three SAM sockets

### Keypad

16-key ergonomic keypad

### Cables

Variety of connectivity cables for ECR/POS integration (USB, RS-232 with optional external power supply)

### Power

5-20 VDC/200 mA; via RJ11, USB connector, or external power supply

### Environment

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

### Dimensions and Weight

H 58 mm (2.3 in) x W 96 mm (3.8 in) x D 185 mm (7.3 in); 320 g (11.3 oz)

## Features & Benefits

### Very Best in Versatility

- Offers both a magnetic-stripe and a smart card reader to handle an assortment of payment types and value-added transactions
- Relies on bi-directional 2- or 3-track, high-coercivity MSR to improve read rates and reduce errors, for faster line throughput
- Runs the NURIT Operating System (NOS) for compatibility with existing NURIT POS devices
- Works with existing ECRs or POS devices using either a USB or RS-232 connection
- Quickly handles any transaction with its fast 32-bit ARM processor
- Has large RAM and Flash memory to support multiple applications simultaneously
- Supports multiple smart card solutions using removable security access modules (SAMs)

### Superior Security

- Meets Visa and MasterCard security requirements, including PCI PED for PIN-based transactions. Also designed to meet Interac and other country-specific security requirements
- Incorporates Triple DES encryption and Fixed, Master Session, and DUKPT key management
- Application separation at the hardware and software levels minimizes the need to recertify existing payment applications every time an application is added or modified
- Includes integrated privacy shield for cardholder data protection

### Exceptional Customer Convenience

- Offers large, easy-to-read (128 x 64) backlit graphical display with multi-language font support for superior readability

- Has a large 16-key keypad that is easy for customers to use when entering PINs
- Features a compact and lightweight, ergonomic design, so the PIN pad can be used as a handheld, countertop, or wall-mounted device
- Locking PIN pad cord ensures device will not come unplugged when handing to customer – causing loss of valuable data
- NURIT Control Center solution streamlines integration and management of devices, application software, and system software