

BENEFITS AT A GLANCE

- Adds electronic payment capabilities to existing ECRs
- Accepts a variety of mag-stripe and EMV smart card transactions
- Protects transactions with the latest security – including PCI PED approval
- Easy to hand to consumers for PIN entry



NURIT 2930

Small Device, Big Solution

A Handful of Payment Possibilities

The **NURIT 2930** payment device is the answer your merchant customers have waited for. This small device, which fits comfortably in the palm of your hand, brings complete card payment capabilities to ECRs without communications connections – through a high-speed, dial modem at speeds of 14.4 kbps, 33.6 kbps, or 56 kbps.

Cash In on Flexible Payment

Now, your merchant customers can offer consumers the ultimate in card-based payment flexibility. By connecting the NURIT 2930 to existing ECRs, merchants can immediately begin accepting electronic transactions – without replacing their existing ECR. The NURIT

2930 has a large graphical display and both a magnetic-stripe and smart card reader built in. Because it relies on the same NURIT Operating System (NOS) as other NURIT payment devices, any NOS-based application – including payment, loyalty, cardholder identification, and electronic purse – will run on the NURIT 2930 with no changes.

Streamline and Safeguard Transactions

Transactions are authorized and processed quickly via the powerful processor and fast landline modem. The NURIT 2930 incorporates the latest security protections – such as PCI PED and sophisticated key

management and encryption – to reduce fraud and misuse. In addition, the powerful multi-application NURIT Operating System provides software separation so all applications can co-exist securely. EMV Level 1 and Level 2 Type Approval ensures secure EMV operation.

Payment Heavyweight in a Lightweight Package

For such a payment heavyweight, merchants will be pleasantly surprised by how compact, lightweight, and easy to handle the NURIT 2930 is. All of which offers a handful of exciting possibilities for your merchants.

NURIT 2930



The compact connectivity hub connects the NURIT 2930 with the ECR to provide enhanced flexibility, modularity and clutter-free convenience for virtually any retail location.

SPECIFICATIONS

Processor

32-bit ARM RISC microprocessor

Display

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

Memory

2 MB, 4 MB or 8 MB Flash
1 MB, 2MB or 4 MB SRAM

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 Sockets

Up to three SAM sockets

Keypad

16-key ergonomic keypad

Communications

14.4 kbps landline modem (V.21/V.22bis/V.23/V.32bis), up to 56 kbps optional (V.34/V.90/V.92); synchronous and asynchronous; HDLC, TCP/IP

Connectivity Hub

RS-232 serial via RJ11, or USB; optional external power supply, 2 x RJ11 for line and telephone

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

- Processes transactions in seconds via speedy dial modem at 14.4 kbps, 33.6 kbps, or 56 kbps and powerful 32-bit ARM processor
- Provides range of connectivity options to both communications-less ECRs and POS devices using USB, RS-232, or a combination of connections methods
- 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
- 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 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
- Provides EMV Level 1 and Level 2 Type Approval for secure, standards-based smart card transactions
- Includes integrated privacy shield for cardholder data protection

Exceptional Customer Convenience

- Offers a 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
- Takes advantage of the connectivity hub to deliver greater flexibility and modularity – without cluttering precious counter space
- NURIT Control Center solution streamlines integration and management of devices, application software, and system software