

# SAM4S

## NR-510 / NR-510R

### Commercial Grade Electronic Cash Registers



### Traditional Format Commercial Grade ECRs

Traditional format commercial grade electronic cash register with an adjustable 192 x 64 graphic blue backlit LCD operator screen, fast reliable printer, electronic journal and an alpha-numeric backlit liquid crystal customer display.

- Fast 15 Lines per Second Thermal Printing with Drop and Print Paper Loading
- Flat, Spill-Resistant or Raised-Key Keyboard

- Two Line x 16 Character Backlit LCD Customer Turret Display
- Three Serial Ports and One USB Port for Memory or Scanner
- Multi-Language Support: English, Spanish or French
- Supports Semi-Integrated Electronic Payment for Credit, Debit and Gift Card Transactions



# Choose the Model That Best Fits Your Store



## SAM4s NR-510 is Great For Food Service

### Applications

Cafeterias, Quick Service, Concessions, Ice Cream / Frozen Yogurt Stands, Hamburger, Sandwich, Pizza, Coffee, Bakery, Deli's, Bars

The flat, **spill-resistant** keyboard is perfect for harsh food service environments. Using the programmable key locations for preset PLUs will facilitate fast and accurate registration. The NR-510 supports two price levels. Modifiers can be used where menus change during the day and the key-sheet under the overlay is easily exchanged.



## SAM4s NR-510R is Great For Retail Merchants

### Applications

Retail, Gift Shops, Convenience Stores, Beer/Wine/ Liquor, Specialty Food, Produce, Meat, Main Street Merchants

The traditional raised-key keyboard provides 12 keyboard PLU keys. Keyboard PLUs act like traditional departments for open-priced entries or can be set as preset price keys. Large key size ensures easy-to-read key labels. Merchants who wish to scan can build their PLU file on the fly using the not-found PLU registration feature.

## Popular Components Included

An extremely cost-effective and environmentally friendly bundle – each NR-510 and NR-510R register includes a high-speed thermal printer, multi-line operator screen, rear customer display, system control keylock and a high quality cash drawer.



### Thermal Receipt Printer

The high-speed thermal receipt printer prints up to 32 characters per line on 58mm (2 1/4") paper.



### Operator Display

The easy-to-read, blue backlit, 192 x 64 graphic LCD operator screen identifies each item as it is entered.



### Rear Display

The blue backlit, two-line by 16-character LCD customer display allows customers to monitor prices as items are entered and view the sale total.



### Quality Cash Drawer

Features a steel construction, 5 bill, 5 or 6 coin removable insert with adjustable coin dividers, two media slots and a standard security lock and key.

## Thermal Printer

The NR-510 and NR-510R thermal receipt printer prints up to 32 characters per line on 58mm (2¼") paper. Print up to a 6-line preamble and 6-line postamble receipt messages. Optionally, a user defined graphic logo, coupon or advertising message can be programmed and printed.

### Electronic Journal

While single printer models are typically best for receipt-only applications, if a sales journal is needed, the journal can be archived electronically for printing at end-of-day, and can be polled and collected by a PC using the included eSpesso utility. A variety of electronic journal reports are available that allow you to quickly audit selected activities.



**Receipt Featuring Graphic Logo and Message Shown 75% Actual Size**

**Electronic Journal Report Shown 75% Actual Size**

## Security and Management Control

Transaction voids, reporting and programming functions are restricted by manager's key lock control. Programmable options let you enforce the appropriate level of security for your business. Among many options, you can control coupons, discounts, voids, refunds, cancels and negative sales. Plus, the NR-510 and NR-510R provide strict cash control with enforced closed drawer and an open drawer alarm.

### Ensure Speed, Security and Efficiency

- The NR-510 Series is electronic payment and gift card processing ready.
- EMV transactions can be processed quickly using the latest Datacap IPTran-LT™ or PDC/TranServer™ technology along with an appropriate PIN pad and a persistent internet connection.
- Semi-integrated processing is secure as no credit card information is stored in the ECR.
- Semi-integrated processing streamlines end of day reconciliation and eliminates dual entry keying errors.

## POS Connections and Options

The affordable SAM4s NR-510 and NR-510R supports popular systems and off-the-shelf POS peripherals. Three Standard Serial communication ports are standard and one USB port are available for popular peripheral and system options: • Direct or Modem PC Communications with Optional Polling Software • Kitchen Printer • Slip Printer • Scale • Scanner • Pole Display • Kitchen Video • Video Surveillance • Semi-Integrated Electronic Payment Processing



### Connector Panel

A combination of three serial ports and one USB port are available to support popular off-the-shelf POS peripherals.



### Bar Code Scanning

Enjoy the advantages of scanning – speed of service, price control, item movement reporting and labor savings.



### eSpesso Utility

Use the SAM4s eSpesso for Windows Utility to save, load and edit programs locally and to capture and edit reports.



### Remote Printing

Enjoy crisp high quality requisitions and orders from a high speed thermal POS printer.

# Traditional Format, Commercial Grade Electronic Cash Registers NR-510 Series

## Features

### Available Through Memory Allocation\*:

- Up to 8,000 PLUs †
- Up to 99 Clerks/Cashiers
- Up to 99 Group Totals
- Up to 500 Hard or Soft Guest Checks
- Up to 2 Price Levels per PLU
- Up to 100 Mix & Match Discounts
- Up to 30,000 Lines of Electronic Journal †

### Programmable Keyboard Functions

- 8 Charge Keys
- 10 One-Touch Macro Keys
- 4 Automatic Currency Conversion Keys
- Food Stamp Sorting and Tendering For Stores That Accept Food Stamps

### For Convenience and Accuracy

- Choice of English, Spanish or French Languages
- Automatic Tax Calculation for Up to 4 Rates or Tables
- Cancel Sale Function
- Key Lock Controlled Transaction Void
- Check Cashing
- Post Tendering
- Hash PLU Status
- Training Mode
- Not-Found PLU

### Customized Quality Receipts

- Pre & Post Graphic Logos
- Up to 6-Line Pre & Post Messages
- Complete Receipt on Request

## Management Reports

- Complete Financial Report
- Individual Clerk/Cashier Report
- Hourly Sales Analysis
- Reporting for Up to 99 Clerks/Cashiers
- PLU, Group and Stock Reports
- Period-To-Date Financial, Hourly, Cashier, Group and PLU Reports
- Sales by Day Report for 31 Days
- Open Check Report

## Example Applications

- Hispanic, Asian and Ethnic Restaurants
- Ice Cream / Frozen Yogurt
- 1-Lane Liquor, Beer or Wine Stores
- Hotel / Hospital Gift Shops
- Diners / Sandwich Shops
- Beauty / Barber Shops
- Flea Markets, Fairs and Festivals
- Seasonal Garden Centers
- Used Bookstores
- Fireworks Stands / Tobacco Shops

\* Based on Memory Allocation

† Using SD Card Storage



**NR-510**  
Flat, Spill-Resistant Keyboard



**NR-510R**  
Raised-Key Keyboard

## Specifications

<b>Printer Type:</b>	Direct Thermal, Drop-and-Print
<b>Printer Stations:</b>	Single Station
<b>Printer Speed:</b>	15 Lines per Second
<b>Paper Roll:</b>	2-1/4" (58mm)
<b>Displays – Operator:</b>	192 x 64 dot, Alpha-Numeric Graphic Blue Backlit LCD
<b>Customer:</b>	2-Line x 16 Character Alpha-Numeric Blue Backlit LCD
<b>Keyboard Capacity – Flat:</b>	90 Keys / 75 Programmable Locations
<b>Raised:</b>	48 Keys / 32 Programmable Locations
<b>Ports – Serial:</b>	Two RJ45; One DB9F
<b>USB:</b>	One USB (Scanner, Save/Load, PC interface)
<b>SD Card Slot:</b>	One SD Slot (Save Programs and Reports)
<b>Standard Cash Drawer:</b>	5 Bill, 5 Coin with Drawer Lock and Two Media Slots
<b>Dimensions / Weight – Unit:</b>	16-1/2"W x 16-1/8"D x 11-3/8"H / 23.15 lbs.
<b>Shipping Carton:</b>	22"L x 20"W x 15"H / 26.7 lbs.
<b>Power Requirements:</b>	120 AC ± 10%, 60 Hz
<b>Power Consumption:</b>	Approximately 20 Watts
<b>Operating Temperature:</b>	32° ~ 113°F (0° ~ 45°C)
<b>Humidity Range:</b>	30% to 80% RH (Non-Condensing)
<b>Memory Protection:</b>	Full Charge for 24 Hours will Protect Memory for 90 Days
<b>In the Carton:</b>	Starter Paper Roll / Key Set / Power Switch Cover



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