



# ER-900 Series

Multi-Use ECRs from the World's Leading ECR Builder



## Features

- Choose a flat keyboard model for food service or a raised keyboard model for retail environments.
- Two-line alpha-numeric display shows each item as it is entered.
- Connects to popular POS peripherals.

## Best Applications

- Food Service: Quick Service, Sandwich, Ice Cream, Deli, Cafeteria and Concessions
- Simple Table Service: Diners, Ethnic/Specialty Restaurants, Bar & Grill
- Independent Retail Merchants, Especially Simple Retail Scanning
- Simple Franchise Concepts

*SAM4S ER-945 and ER-920 shown with optional card reader.*



## SAM4s ER-925, ER-945; 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 21 keyboard  
PLU keys and can be expanded by your SAM4s dealer to  
63 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.



## SAM4s ER-920, ER-940; For Food Service

### Applications

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

Preset PLUs facilitate fast and accurate registrations. With  
150 key locations, the flat, spill-resistant keyboard can  
easily accommodate large menus with preset keys for each  
item. Where menus change daily with breakfast, lunch or  
dinner times the paper key-sheet under the overlay is easily  
exchanged. A simplified check tracking feature is available  
for bars and cafes.



## Popular Components Included

An extremely cost-effective and environmentally friendly  
bundle – each ER-900 series register includes a high quality  
cash drawer, high-speed thermal printer(s), and a rear  
customer display.

*SAM4s ER-945 and ER-920 shown with optional card reader.*



### Operator Display

The easy-to-read, blue back-  
light, two-line by 16-character  
LCD operator screen identi-  
fies each item as it is entered.



### Rear Display

The 9-digit LED customer  
display allows consumers to  
monitor prices as items are  
entered and view the sale  
total.



### Quality Cash Drawer

Features a 5 bill, 5 coin  
insert with adjustable coin  
dividers, two media slots and  
a standard security lock and  
key.



### Secure SD Port

SD Card Utilities include  
program Save/Load, report  
capture, firmware updates  
and graphics uploading.

## Thermal Printer(s)

Choose a single printer or traditional receipt and journal model. Both versions provide fast, quiet thermal printing. Drop-in loading simplifies paper changing and virtually eliminates paper jamming.

### Receipt & Journal Printer Models; ER-940, ER-945

Use a two-printer model when a customer receipt and a traditional real-time printed journal is needed for sales archival.

### Single Printer Models; ER-920, ER-925

Single printer models are best for receipt-only or journal-only applications. If you choose a single printer model for printing receipts, you can record your journal electronically in the register's memory.

### Electronic Journal

Single printer models are best for receipt-only or journal-only applications. If a receipt and a sales journal is needed, the journal can be archived electronically for printing at end-of-day, can be collected on an SD card, or can be polled and collected by a PC. 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 Sorting Only Voids – Shown 75% Actual Size

## Integrated Credit, Debit, EBT and Gift Card Payments



### Insure Speed, Security and Efficiency

Electronic payment sales can be processed in a single step at the SAM4s ER-900 with an optional DataTran™ integrated payment appliance.

- The ER-900 Series is electronic payment and gift card processing ready – no additional software modules are required.
- Free gift card processing is available through selected processing partners.
- Transactions can be processed in two seconds or less using the latest IPTran™ or TwinTran™ technology and a persistent internet connection.
- The ER-900 payment application has been validated by the PCI Security Standards Council. The SAM4s ER-900 Series Payment Application listing can be viewed at the PCI Security Standards Council website.

## POS Connections and Options

### Standard RS-232C Communication

Connect to a wide array of compatible off-the-shelf POS peripherals. Two RS-232C communication ports are standard and two additional ports are available for: • Direct or Modem PC Communications with Optional Polling Software • Kitchen Printer • Slip Printer • Coin Dispenser • Scale • Pole Display • Kitchen Video • Video Surveillance • Scanner • Liquor Dispenser • DataTran™ Integrated Credit



### Secure Connector Panel

Up to four RS-232C communication ports hidden behind a convenient, easy to access door located on the back of the unit.



### Bar Code Scanning

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



### PC Utility and SAM900

Use the PC Utility to save, edit and download programs. Poll your ECR from a local or remote PC using SAM900.



### Remote Printing

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

# Commercial Grade Construction, Long-Lasting and Serviceable **ER-900 Series**



## ER-920

Flat, Spill-Resistant Keyboard;  
Receipt Printer



## ER-940

Flat, Spill-Resistant Keyboard;  
Receipt and Journal Printers



## ER-925

Raised-Key Keyboard;  
Receipt Printer



## ER-945

Raised-Key Keyboard;  
Receipt and Journal Printers

## Features

### Available Through Memory

#### Allocation\*:

- Up to 22,000 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 50,000 Lines of Electronic Journal

### Programmable Keyboard Functions

- 8 Charge Keys
- 10 One-Touch Macro Keys
- 4 Automatic Currency Conversion Keys

### For Convenience and Accuracy

- 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
- Condensed Journal (ER-940/ER-945)

### 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

## Specifications

<b>Printer Type:</b>	Direct Thermal, Drop-and-Print
<b>Printer Stations – ER-920/925:</b>	Single Station; Receipt/Requisition Printer
<b>ER-940/945:</b>	Dual Station; Receipt and Journal Printers
<b>Printer Speed:</b>	22 Lines per Second
<b>Paper Roll:</b>	2-1/4" (58mm)
<b>Displays – Operator:</b>	2-Line x 16 Character Alpha-Numeric Backlit LCD
<b>Customer:</b>	9-Digit LED
<b>Keyboard Capacity – Flat:</b>	150 Keys / 100 Programmable Locations
<b>Raised:</b>	Up to 94 Keys / 78 Programmable Locations
<b>Serial Ports – Standard:</b>	COM1 & COM2 (D-Sub-9M)
<b>Optional:</b>	COM3 & COM4 (RJ45)
<b>Cash Drawer Ports:</b>	One Additional RJ11 (24V) Port (Supports Open/Close)
<b>SD Port:</b>	Standard
<b>Card Reader:</b>	Optional Integrated Dual Track MCR
<b>Standard Cash Drawer:</b>	5 Bill, 5 Coin with Drawer Lock and Two Media Slots
<b>Dimensions:</b>	15-3/4"W x 11-13/16"H x 17-3/4"D
<b>Weight – Single Station:</b>	24.15 lbs.
<b>Dual Station:</b>	25.10 lbs.
<b>Shipping Weight:</b>	30.55 lbs.
<b>Power Requirements:</b>	120 AC ± 10%, 50/60 Hz
<b>Power Consumption:</b>	Approximately 25 Watts
<b>Operating Temperature:</b>	32° ~ 104°F (0° ~ 40°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



\* Note: Memory capacity was enhanced beginning with March 2012 production. Check with your local authorized dealer to verify exact feature limits.



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Printed in U.S.A.



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