

# Electronic Cash Registers **CRS**

## Quick Reference Guide



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# SAM4S

Commercial Grade Electronic Cash Registers from SAM4s

SAM4s ECRs are value-packed bundles ideally suited for a broad range of small to medium merchants. For one low price you get all the point-of-sale components your business needs, including processor, keyboard, printers, cash drawer, operator display, customer display, back-up disk and embedded application software.

Purpose-built SAM4s cash registers provide traditional key security, are not affected by viruses, boot up quickly, and are extremely stable. Most SAM4s ECRs feature communication ports that support popular point-of-sale peripherals.

[www.crs-usa.com](http://www.crs-usa.com)

[moreinfo@crs-usa.com](mailto:moreinfo@crs-usa.com)

Toll-Free 1-800-333-4949

CRS Inc. • 4851 White Bear Parkway • Saint Paul, Minnesota 55110  
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	ER-180U	ER-260EJ	ER-265EJ	NR-510BE	NR-510RBE	ER-915E	ER-920E	ER-925E	ER-940E	ER-945E	SPS-320	SPS-340	SPS-345
<b>Printer</b>													
Item No.	950080	950084	950085	950095	950096	950092	950090	950091	950093	950094	950027	950037	950060
Printer Type	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal
Printer	Seiko LTPZ 225	Seiko LTP01-245-11	Seiko LTP01-245-11	Seiko LTP01-245-11	Seiko LTP01-245-11	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245
Number of Printer Stations	1	1	1	1	1	2	1	1	2	2	1	2	2
Printer Speed (LPS)	7.7	15	15	15	15	22	22	22	22	22	22	22	22
Paper Roll Width (mm)	58	58	58	58	58	58	58	58	58	58	58	58	58
Inking Supply													
Receipt Message	Number of Lines	6	12	12	6	6	12	12	12	12	12	12	12
	Characters / Line	24	32	32	32	32	32	32	32	32	32	32	32
	Number of Character Descriptors	12	24	24	24	24	18	18	18	18	18	18	18
<b>Capacity</b>													
Keyboard Type	Raised	Raised	Flat	Flat	Raised	Raised	Flat	Raised	Flat	Raised	Flat	Flat	Raised
Number of Keys	48	48	49	90	48	41	150	52 / 94	150	52 / 94	150	150	52 / 94
Departments / NLU's	16	15	15	60	12	7 / 14	100	21 / 63	100	21 / 63	100	100	21 / 63
PLUs	500	3,200 *	3,200 *	3,200 *	3,200 *	22K *	22K *	22K *	22K *	22K *	20K *	20K *	20K *
Clerks or Cashiers	10	99 *	99 *	99 *	99 *	99 *	99 *	99 *	99 *	99 *	99 *	99 *	99 *
Electronic Journal	Yes	Yes *	Yes *	Yes *	Yes *	Yes *	Yes *	Yes *	Yes *	Yes *	Yes *	Yes *	Yes *
Tax Tables	4	4	4	4	4	4	4	4	4	4	4	4	4
<b>Display</b>													
Operator Display	Type	LED	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD
	Number Lines / Characters	1 x 8	2 x 16	2 x 16	8 x 32	8 x 32	2 x 16	2 x 16	2 x 16	2 x 16	2 x 16	8 x 32	8 x 32
Customer Display	Type	LED	LCD	LCD	LCD	LCD	LED	LED	LED	LED	LED	LED	LED
	Number Lines / Characters	1 x 8	2 x 16	2 x 16	2 x 16	2 x 16	1 x 9	1 x 9	1 x 9	1 x 9	1 x 9	1 x 9	1 x 9
<b>Drawer</b>													
Number of Bill / Coin Compartments	4 / 4	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5
# of Keylock Positions/Functions		3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4	3 / 4
Number of Media Slots		2	2	2	2	2	2	2	2	2	2	2	2
<b>Power</b>													
AC Voltage	120	120	120	120	120	120	120	120	120	120	120	120	120
Hz	60	60	60	60	60	60	60	60	60	60	60	60	60
Watts (Approximately)	11	20	20	20	20	25	25	25	25	25	25	25	25
<b>Physical</b>													
Operating Temperature	32° ~ 112°	32° ~ 104°	32° ~ 104°	32° ~ 113°	32° ~ 113°	32° ~ 104°	32° ~ 104°	32° ~ 104°	32° ~ 104°	32° ~ 104°	32° ~ 104°	32° ~ 104°	32° ~ 104°
Humidity Range (Non-Condensing)	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%	30% ~ 80%
Dimensions (W x D x H)	12-3/4" x 16-1/2" x 8"	16-1/2"x15-3/4"x9-3/4"	16-1/2"x15-3/4"x9-3/4"	16-1/2"x16-1/8"x11-3/8"	16-1/2"x16-1/8"x11-3/8"	16-1/2"x15-3/4"x11-13/16"	16-1/2"x15-3/4"x11-13/16"	16-1/2"x15-3/4"x11-13/16"	16-1/2"x15-3/4"x11-13/16"	16-1/2"x15-3/4"x11-13/16"	16-1/2"x15-3/4"x11-13/16"	16-1/2"x15-3/4"x11-13/16"	16-1/2"x15-3/4"x11-13/16"
Shipping Carton Dimensions (L x W x H) / Weight	20"x17"x12" / 12.3 lbs.	22" x 21" x 14" / 25 lbs.	22" x 21" x 14" / 25 lbs.	22" x 20" x 15" / 27 lbs.	22" x 20" x 15" / 27 lbs.	22" x 20" x 15" / 30 lbs.	22" x 20" x 15" / 30 lbs.	22" x 20" x 15" / 30 lbs.	22"x20"x15" / 30.55 lbs.	22"x20"x15" / 30.55 lbs.	22"x20"x15" / 30.8 lbs.	22"x20"x15" / 30.8 lbs.	22"x20"x15" / 30.8 lbs.
<b>Connectivity</b>													
IRC											•	•	•
DC Direct Ethernet Port		•	•	•	•	•	•	•	•	•	•	•	•
SD Card Slot (Program Save/Load / Report Collecting / Bitmap)		1	1	1	1	1	1	1	1	1	1	1	1
USB (Program Storage / Application Updates / PABP Log)		1	1	1	1								
RS-232C Ports (Standard / Expandable)		3	3	3	3	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4
PC/Utility (Save/Load/Edit Prog. & Reports)		Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download
SAM Software Option						Polling/Inventory	Polling/Inventory	Polling/Inventory	Polling/Inventory	Polling/Inventory	Polling/Inventory	Polling/Inventory	Polling/Inventory
Second Cash Drawer Option						•	•	•	•	•	•	•	•
Remote Printer		•	•	•	•	•	•	•	•	•	•	•	•
Slip Printer		•	•	•	•	•	•	•	•	•	•	•	•
Coin Dispenser						•	•	•	•	•	•	•	•
Scale ‡		•	•	•	•	•	•	•	•	•	•	•	•
Pole Display		•	•	•	•	•	•	•	•	•	•	•	•
Graphic Display		•	•	•	•	•	•	•	•	•	•	•	•
Kitchen Video		•	•	•	•	•	•	•	•	•	•	•	•
Video Surveillance		•	•	•	•	•	•	•	•	•	•	•	•
Scanner		•	•	•	•	•	•	•	•	•	•	•	•
Liquor Dispenser						•	•	•	•	•	•	•	•
Integrated Payment		•	•	•	•	•	•	•	•	•	•	•	•
Built-In MCR						0	0	0	0	0	0	0	0

\* = Maximum based upon memory allocation. † = Maximum – quantity available determined by memory expansion. ‡ = Check local regulations for scale approval. Blank = Not Applicable O = Optional S = Standard • = Supports