

Electronic Cash Registers



Quick Reference Guide



Commercial Grade Electronic Cash Registers from SAM4s

SAM4s ECRs are value-packed bundles ideally suited for most small 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.



SAM4s Open Line ECRs		ER-180	ER-180T	ER-265	ER-285M	ER-290	ER-350-II	ER-380	ER-390M	ER-5115-II	ER-5215M	ER-650	ER-650R	ER-655-II	ER-920	ER-925	ER-940	ER-945	SPS-320	SPS-340	SPS-345		
Printer	Item No.	950024	950022	950025	950026	950012	950075	950020	950023	950079	950057	950015	950017	950076	950011	950013	950014	950019	950027	950037	950060		
	Printer Type	Numeric	Thermal	Thermal	Thermal	Numeric	Alpha-Numeric	Thermal	Thermal	Alpha-Numeric	Thermal	Thermal	Thermal	Alpha-Numeric	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	
	Printer	Epson M-42V	Seiko LTPZ 225	Seiko LTP8235	Seiko LTP8235	Epson M-405	SDM-310	STM-210	STM-210	STM-210	Epson M-U240	STM-210	STM-210	STM-210	SDM-310	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	Seiko LTPD245	
	Number of Printer Stations	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	2	2	
	Printer Speed (LPS)	2.2	7.7	8	13	3.2	4.5	13.3	13.3	13.3	3	13.3	13.3	13.3	4.5	22	22	22	22	22	22	22	
	Paper Roll Width (mm)	58	58	58	58	58	58	58	58	58	44	58	58	58	58	58	58	58	58	58	58	58	
	Inking Supply	M-77 Ink Roller				C-201 Ribbon			ERC-39		ERC-32			ERC-39									
	Receipt Message	Number of Lines		6	12	12	6		12	12	8	12	12	12	6	12	12	12	12	12	12	12	12
	Characters / Line		24	32	32	26		32	32	21	32	32	32	26	32	32	32	32	32	32	32	32	
Number of Character Descriptors		12		18	18	10		12	12	12	18	12	12	10	18	18	18	18	18	18	18	18	
Keyboard	Keyboard Type	Raised	Raised	Flat	Flat	Raised	Raised	Raised	Flat	Raised	Raised	Flat	Raised	Flat	Flat	Raised	150	Raised	Flat	Flat	Raised		
	Number of Keys	48	48	49	49	44	44	44	90	90	60	98	78	98	150	52 / 94	150	52 / 94	150	150	52 / 94		
	Departments / NLU's	16	16	15	15 / 30	12	8 / 16	12	60	15 / 40	5 / 15	63 / 80	30 / 69	63 / 80	100	21 / 63	100	21 / 63	100	100	21 / 63		
	PLUs	100	500	1000	10K *	200	300	500	500	1000	10K *	12K *	12K *	12K *	3800	3800	3800	3800	3800	20K *	20K *	20K *	
	Clerks or Cashiers	4	10	10	99 *		10	10	10	15	99	99	99	99	50	50	50	50	50	99	99	99	
	Tax Tables	1	4	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Display	Operator Display	Type	LED	LED	VFD	LCD	VFD	VFD	VFD	LCD	VFD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	
		Number of Lines	1	1	1	2	1	1	1	2	1	2	8	8	8	2	2	2	2	2	8	8	8
		Characters / Line	8	8	10	16	10	10	10	16	10	16	20	20	20	16	16	16	16	16	32	32	32
	Customer Display	Type	LED	LED	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD	LED	LED	LED	LED	LED	LED	LED	LED
# of Characters		8	8	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	
Drawer	Number of Bill / Coin Compartments	4 / 4	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	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	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	2	2	2	2	2	2	2	
Power	AC Voltage	120	120	120	120	120	120	120	120	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	60	60	60	60	60	60	60	60	
	Watts (Approximately)	8	11	25	20	25	25	25	25	47	25	15	15	15	25	25	25	25	25	25	25	25	
Physical	Operating Temperature	32° - 112°	32° - 112°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	32° - 112°	32° - 104°	32° - 104°	32° - 112°	32° - 112°	32° - 112°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	
	Humidity Range (Non-Condensing)	30% - 80%	30% - 80%	10% - 90%	30% - 80%	10% - 90%	10% - 90%	10% - 90%	30% - 80%	30% - 80%	10% - 90%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	30% - 80%	
	Dimensions (Inches W x H x D)	12-3/4 x 8 x 16-1/2		15-3/4 x 9-3/4 x 17-3/4			15-3/4 x 11-1/2 x 17-3/4			15-3/4 x 12 x 17-3/4			15-3/4 x 11-1/2 x 17-3/4			15-3/4 x 11-13/16 x 17-3/4			15-3/4 x 11-13/16 x 17-3/4				
	Shipping Weight	12 lbs.	12 lbs.	29 lbs.	29 lbs.	34 lbs.	34 lbs.	34 lbs.	34 lbs.	34 lbs.	38 lbs.	40 lbs.	34 lbs.	34 lbs.	34 lbs.	29 lbs.	29 lbs.	29 lbs.	29 lbs.	29 lbs.	29 lbs.	29 lbs.	
Ports	IRC																						
	SD Card Slot (Program Save/Load / Report Collecting / Bitmap Load)				1										1	1	1	1	1	1	1		
	USB (Program Storage / Application Updates / PABP Log)																						
	RS-232C Ports (Standard / Expandable)			1	1 / 3			1	2	1	2	2	2	2	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	Free Download	Free Download	Free Download	Free Download	
Connectivity	SAM Software Option										Polling	Polling/Inventory	Polling/Inventory	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	0	0	0			

* = With optional memory expansion. † = Check local regulations for scale approval. Blank = Not Applicable O = Optional S = Standard • = Supports



SAM4s Dealer Line ECRs ‡		ER-5200M	ER-5240M	SPS-520 FT	SPS-520 RT	SPS-530 FT	SPS-530 RT	SPS-2000	
Printer	Item No	950059	950058	950052	950053	950055	950056	950072	
	Printer Type	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal		
	Printer	STM-210	STM-210	STM-210-II	STM-210-II	LPTF347E	LPTF347E		
	Number of Printer Stations	2	2	2	2	1	1		
	Printer Speed (LPS)	13.3	13.3	13.3	13.3	13.3	13.3	Touch Screen ECR	
	Paper Roll Width (mm)	58	58	58	58	80	80		
	Inking Supply							Not Applicable	
	Receipt Message	Number of Lines	12	12	6	6	6	6	
		Characters / Line	32	32	32	32	32	32	
	Number of Character Descriptors		18	18	20	20	20	20	
Keyboard	Keyboard Type	Flat	Raised	Flat	Raised	Flat	Raised	Touch	
	Number of Keys	160	90	160	90	160	90	Touch	
	Departments / NLU's	117	15 / 40	117	15 / 40	117	15 / 40	40	
	PLUs	10K *	10K *	60K *	60K *	60K *	60K *	40K	
	Clerks or Cashiers	99	99	999	999	999	999	999	
	Tax Tables	4	4	6	6	6	6	6	
Display	Operator Display	Type	LCD	LCD	7" Touch	7" Touch	7" Touch	7" Touch	
		Number of Lines	2	2					
		Characters / Line	16	16					
	Customer Display	Type	VFD	VFD	LCD	LCD	LCD	LCD	
# of Characters	10	10	2 Lines x 16	2 Lines x 16	2 Lines x 16	2 Lines x 16	2 Lines x 16		
Drawer	Number of Bill / Coin Compartments	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	Not Applicable	
	Number of Media Slots	2	2	2	2	2	2		
Power	AC Voltage	120	120	120	120	120	120	120	
	Hz	60	60	60	60	60	60	60	
	Watts (Approximately)	25	25	25	25	25	25	25	
Physical	Operating Temperature	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%	
	Dimensions (Inches W x H x D)	15-3/4 x 12 x 17-3/4				15-3/4 x 14-1/8 x 17-3/4			14 1/4 x 6 1/4 - 13 x 14
	Shipping Weight	40 lbs.	40 lbs.	33 lbs.	33 lbs.	33 lbs.	33 lbs.	11 lbs.	
Ports	IRC			•	•	•	•	•	
	SD Card Slot (Program Save/Load / Report Collecting / Bitmap Load)			1	1	1	1	1	
	USB (Program Storage / Application Updates / PABP Log)			2	2	2	2	2	
	RS-232C Ports (Standard / Expandable)	2	2	4	4	4	4	6	
Connectivity	PC/Utility (Save/Load/Edit Prog. & Reports)	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	
	SAM Software Option	Polling	Polling	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	S	

* = With optional memory expansion. † = Check local regulations for scale approval. Blank = Not Applicable O = Optional S = Standard • = Supports ‡ = Available to Authorized Dealers Only