

ELLIX | 10 ELLIX | 20



ELLIX series provide the most reliable market solution.

Speedy... Silent... Smart... Service... SAM4S...

ELLIX 10



Thermal receipt printer

This durable receipt printer ELLIX 10 is designed for any retail environment. "You will be satisfied with ELLIX 10's all of features and performances while the unique qualities and styles of ELLIX 10 make your business environment more convenient."

ELLIX 10 can meet all your basic needs for receipt printing.

- ELLIX 10's maximum printing speed is 75mm/sec.
- ELLIX 10 has high reliability as MCBF 30,000,000 lines.
- ELLIX 10 completely comes with the industry's standard emulations, so it's ready to plug and play with your current application.
- ELLIX 10 has intuitive paper loading (drop-in type), RS-232C interface and a convenient cover open method.
- ELLIX 10's ivory and dark grey color combination fits well in any environment.
- It is designed to be more simple and comfortable for using.

SAM4S Market		
DEPARTMENTS	COUNT	PRICE
1. Futons	x 1	\$48.36
2. AAA Batteries	x 2	\$7.67
3. Pet Odor Concentrate (20 oz)	x 1	\$5.72
4. Barbie	x 1	\$29.97
CASH		\$91.72

(2 inch)



ELLIX 20



New generation thermal receipt printer

When you meet the ELLIX 20, you feel free about the speed. This high speed receipt printer, ELLIX 20 has the printing speed 220mm/sec (max) and there's no need to keep customers waiting.

SAM4S offers you the ELLIX 20, it's the most advanced receipt printer. And also you can choose the paper width in either 58mm or 80mm.

- ELLIX 20's maximum printing speed is 220mm/sec.
- It is incredibly reliable with MCBF rate of 70,000,000 lines.
- ELLIX 20 works with 3" thermal paper, in addition, if you put a separator inside, you can also use 2" thermal paper.

SAM4S		
DEPARTMENTS	COUNT	PRICE
1. COLA	10	\$10.00
2. MILK	15	\$5.00
3. APPLE JUICE	23	\$230.00
4. WATER	22	\$140.00
5. EGG PIE	10	\$5.00
6. MELON TEA	4	\$6.00
7. ICE CHOCO	3	\$1.50
9. SNACK	5	\$2.00
10. ORANGE JUICE	10	\$8.00
11. ICE CREAM	2	\$2.25
12. WATER MELON	1	\$5.00
13. CORN SALAD	4	\$3.00
CASH		\$91.72

Receipt No. # 00000345

(3 inch)



ELLIX 20 provides advanced features for convenience!



Speed Print

→ Superb printing speed

- ELLIX 20's maximum printing speed is 220mm/sec
- ELLIX 20's 2 color maximum printing speed is 100mm/sec



Interface

→ Various Interfaces

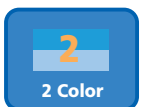
- Serial (RS-232C/ RS-485)
- Ethernet
- Parallel (IEEE-1248)
- Bluetooth
- USB
- Wi-Fi



Reliable

→ High Reliability

- It is incredibly reliable with MCBF rate of 70,000,000 lines
- TPH is 1x10⁸ Pulse, 100 KM
- Auto cutter standard (1,500,000 cuts)



2 Color

→ 2 color printing

- ELLIX 20 is available for thermal printing in Black/Red or Black/Blue



BAR CODE

→ Logo/ Coupon / Barcode printing

- ELLIX 20 is available to keep your company logo, coupon and barcode in storage and print-out



Easy Load

→ Easy paper loading

- ELLIX 20's paper loading is very easy and trouble-free when you run out of paper, you can just drop a new roll
- ELLIX 20 has paper near-end sensor



Paper Sensor



Compact Design

→ Outstanding Design

- ELLIX 20 is designed for flexibility
- ELLIX 20 is possible to use WALL MOUNT or STAND at a kitchen, counter and any other market surroundings
- ELLIX 20 is flexible for 2" and 3" thermal paper



Paper Width



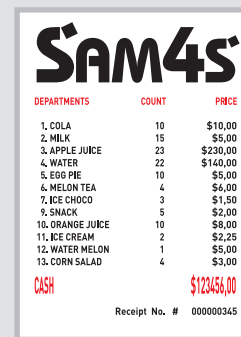
Ivory



Dark Grey



Interface



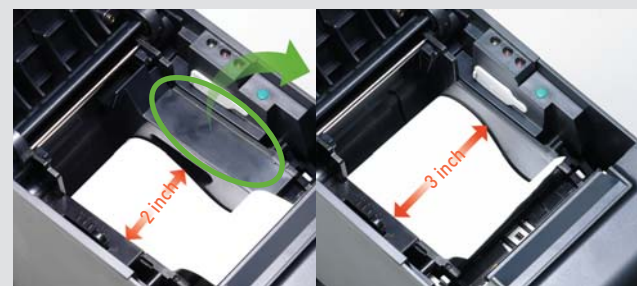
Black/Red



Logo



Barcode



2 inch (58mm)-separator

3 inch (80mm)



Stand

Wire arrangement

SAM4S Thermal Receipt Printer Specification

MODEL NAME			ELLIX 10 (2" thermal)	ELLIX 20 (3"/2" thermal)
Printing Method			Direct thermal line printing	Direct thermal line printing
Printing speed	Mono Paper 80mm		-	Max. 220mm/sec(52 line/sec)
	Mono Paper 58mm		Max. 75mm/sec (20 line/sec)	Max. 150mm/sec(36 line/sec)
Two Color Paper			-	Max. 100mm/sec [24 line/sec]
Resolution			200 dpi	180 dpi
Print Font	Font A		12*24	12*24
	Font B		9*17	9*17
	Column capacity	Font A	32	42(80mm) / 30(58mm)
		Font B	42	56(80mm) / 40(58mm)
	Character size	Font A	1.5(W)*3.0(H) mm	1.69(W)*3.38(H) mm
Font B		1.12(W)*2.12(H) mm	1.26(W)*2.39(H) mm	
Character Set			95 Alphanumeric, 37 International, 128*11 Graphic, Korean	95 Alphanumeric, 37 International, 128*11 Graphic, Korean
Paper	Loading		Drop-In Type	Drop-In Type
	Dimension		Max .58.0 x ø 70.0mm	Max. 58.0/80.0 x ø 83.0mm
	Thickness		0.06~0.08 mm	0.06~0.08 mm
Auto Cutter			Guillotine Type(option)	Guillotine Type
Reliability	Mechanism(MCBF)		30,000,000 lines	70,000,000 lines
	TPH		1x10 ⁸ Pulse, 50 KM	1x10 ⁸ Pulse, 100 KM
	Auto cutter		1,000,000 cut	1,500,000 cut
Barcode			UPC-A, UPC-E, EAN8, EAN13, Code 39, Code 93, Code 128, ITF, CODABAR	UPC-A, UPC-E, EAN8, EAN13, Code 39, Code 93, Code 128, ITF, CODABAR, PDF417
Driver			Windows Driver	Windows Driver
Drawer Port			OPOS Driver	OPOS Driver
Interface			-	2 PORT (+24V)
Power Supply			* RS-232C 1 port SERIAL	* RS-232C, IEEE-1284, RS-485
Sensor			SMPS Adaptor/IN: AC 90~264V/OUT: DC 9V	* USB, ETHERNET, Wi-Fi, Bluetooth
Overall Dimension (with foot Rubber)	Paper Near End Sensor		Option	SMPS Adaptor/IN: AC 90~264V/OUT: DC 24V
	Paper End Sensor		YES	YES(STAND and WALL)
Mass(Approx.)	SET only		118.0(W)x200.0(L)x111.0(H) mm	145.0(W)x200.0(L)x140.0(H)mm
	With Packing		1.2 Kg	1.7 Kg
Certificate	EMC		2.2 Kg	2.9 Kg
	Safety		FCC class A, CE marking	FCC class A, CE marking
Body Color			TUV/GS, CE, CB, cTUVus	TUV/GS, CE, CB, cTUVus
Emulation			IVORY & Dark Grey or All Dark Grey	IVORY & Dark Grey or All Dark Grey
Two Color Printing			Epson, Star	Epson, Star
Statistic function			none	YES
Operating Condition	Temperature	Operating	none	YES
		Storage	5°C ~ 45°C	5°C ~ 45°C
	Humidity	Operating	-10°C ~ 50°C	-10°C ~ 50°C
		Storage	10% ~ 90%	10% ~ 90%
Option			10 ~90%(RH)	10 ~90%(RH)
			:Except for Paper	:Except for Paper
			1.Auto Cutter + Paper near end	1.Wall mount kit
				2.Paper separator(58mm)
				3.Kitchen Bell

S p e e d y . . . S i l e n t . . . S m a r t . . . S e r v i c e . . . S A M 4 S . . .



Shin Heung Precision Co.,Ltd.

SEOUL OFFICE (SAM4S ECR & POS System department)

FLAT C-911, WOODRIM LION'S VALLEY, 371-28 GASAN-DONG, GEUMCHEON-GU,

SEOUL 150-834, KOREA

TEL: + 82 2 2101 9615-9621 FAX : + 82 2 2101 9690

E-mail : webmaster@sam4s.com http://www.sam4s.com

Distributed by :