ASTERIX
ST-EP4
Thermal Printer

outstanding value & reliability

- Cost-effective for high-volume printing
- Compact design with drop-in paper
- Long autocutter life (1.5 million cuts)
- 60 million lines of MCBF
- Prints 1D and 2D barcodes
- Same print speed for text and graphic
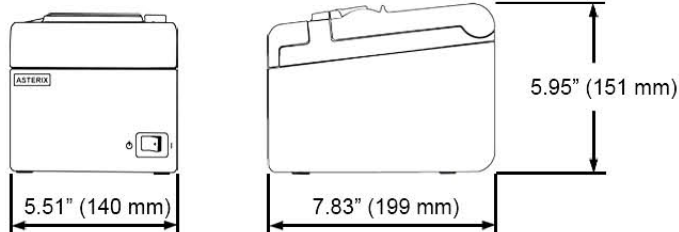- ESC/POS, Windows, Linux driver
- Ethernet 10/100 Base-T option

The ST-EP4 offers an outstanding value and reliability in the retail and hospitality environments. It has an MCBF of 60 million lines and an autocutter life of 1.5 million cuts to meet the high-volume printing applications. The ST-EP4 has a compact footprint, that can also be vertically placed on the counter or mounted on the wall. In addition to text and attention-grabbing logos, the ST-EP4 prints QR codes that can be scanned by a smartphone and linked to a promotional website, a survey site, or digital coupons.

PioneerPOS
we can really do it

ST-EP4 Thermal Printer

Specification

Print Method	Thermal line printing
Interface	Standard: Serial+USB, Option: Parallel, Ethernet 10/100 Base-T
Driver	ESC/POS, Windows XP Pro, Windows 7 Pro, POS Ready, OPOS, UPOS, JavaPOS, Ubuntu 9.04, Fedora 14, open SUSE 11.1
Print Speed (max)	7.9"/sec (200mm/sec) text and graphics
Autocutter	Yes (partial, left edge remains)
Paper Dimensions	80mm: 3.13" $\pm$ 0.02" x 3.27" diameter (79.5 + 0.5 (W) x 83mm)
	58mm: 2.26" $\pm$ 0.02" x 3.27" diameter (57.5 + 0.5 (W) x 83mm)
Paper Thickness	55-80 μm
Print Density	180x180 dpi
Column Capacity (80/58mm)	Font A: 42/30, Font B: 56/40, Kanji: 21/15
Font (WxH)	9 x 17, 12 x 24 dots/character
Character Size (WxH mm)	Font A:1.41 x 3.39, Font B:0.99 x 2.40, Kanji: 3.39 x 3.39
Character Set	95 Alphanumeric, 18 sets International, 128 x 42 Graphic (including user-defined page), Japanese, Simplified Chinese, Traditional Chinese
Barcode	1D: UPC-A, UPC-E, EAN13, CODE39, ITF, CODABAR, CODE93, CODE128
	2D: PDF417, QR Code
Data Buffer	Receive: 45 bytes or 4KB, selectable; User-defined: 12KB; Macro: 2KB; NV graphics: 256KB; NV user memory: 1KB; Downloadable graphics: 208KB; User-defined page: 64KB
Cash Drawer Port	1 (2 drivers)
Buzzer	Yes
Sensors	Cover Open, Paper End, Near End (not applicable when wallmounted)
Power Comsumption	24 VDC $\pm$ 7%, 1.8A (mean)
Print Mechanism	Epson®
MTBF	360,000 hours
MCBF	60 million lines
Thermal Head Life	6.3 million inches (160 kilometers)
Autocutter Life	1.5 million cuts
Temperature	Operating: 41 to 113ºF, 5 to 45ºC
	Storage: 14 to 122ºF, -10 to 50ºC
Humidity	Operating: 10 to 90% RH
	Storage: 10 to 90% RH
Dimension (WxDxH)	5.51 x 7.83 x 5.95 inches (140 x 199 x 151 mm)
Weight	3.75 lbs (1.7 kgs)
Color	EDG (Grey), ECW (White)
Power Supply	100-240V, 50-60Hz, 1.3A
Safety Standards	FCC-A, CE, UL, TUV, CSA, VCCI-A, CCC
Installation	Standard horizontal, Vertical on the counter, Wallmount
Part Numbers	C31CB10721: Serial+USB, Grey, US/EU
	C31CB10726: Serial+USB, Grey, Japanese/Chinese
	C31CB10720: Serial+USB, White, US/EU
	C31CB10725: Serial+USB, White, Japanese/Chinese
	C32CB24543: Ethernet interface card

5.51" (140 mm)

5.95" (151 mm)

7.83" (199 mm)

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