

EP802-TM

THERMAL PRINTER

The EP802-TM thermal printer is a reliable, all-round solution built for high-demand environments.

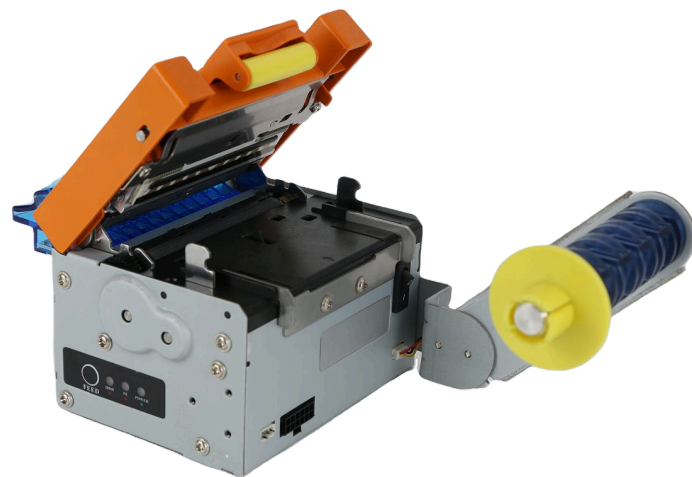
With Smart Bezel and Advanced Manipulation Detection, it ensures secure delivery of each ticket, receipt, or barcode.

This thermal printer also features convenient rear access for quick maintenance and automatic paper loading.



FEATURES

- Compact design – suitable for shelf or door mounting
- High-speed printing – up to 250 mm/s for fast and efficient output
- Adjustable paper width – supports 60 mm, 80 mm, and 82.5 mm formats
- Compatible with 80 mm or 150 mm diameter roll paper (standard)
- Supports paper thicknesses ranging from 55 to 80 gsm
- Full and partial cut functionality available
- Label printing capability for added flexibility
- Smart Bezel – integrated anti-block and anti-drag system for smooth ticket delivery
- Highly reliable cutter – MTBF of over 1,000,000 cuts for long-term performance



ADVANTAGES

- EP802-TM printers stocked in Europe for immediate availability
- Short lead times with quick delivery from our European warehouses
- Local support for efficient communication and responsive assistance
- Fast service and repair turnaround, supported by our European operations
- Over a decade of EP802 printer expertise ensures proven performance
- Regular software updates for ongoing reliability and compatibility
- Wide selection of accessories to support flexible integration

INDUSTRY VERTICALS

The EP802-TM thermal printer is built for high-performance printing across a wide range of industry applications, including:

- **Sports betting terminals** – secure and reliable ticket printing for high-traffic environments
- **Self-service kiosks** – smooth integration for user-driven transactions
- **Transportation centers** – fast and accurate ticketing for passengers
- **Gaming & lottery machines** – dependable performance for high-volume print tasks
- **Parking systems** – efficient receipt and ticket printing for automated solutions



TECHNICAL SPECIFICATION

Printing

Printing Method	Thermal dot line
Resolution	203 dpi
Dots per line	640
Printing speed	250 mm/s
Paper width	60 mm, 80 mm, 82.5 mm (optional)
Printing width	56/72/80 mm max
Paper roll diameter	160 mm
Paper weight	55-80 gsm
Paper thickness	0.06-0.2 mm
Print head life	100 km
Cutter life	1,000,000 cuts 55um
Cut mode	Fully cut & partial cut
Printing format	Highlighting, underlining, italics, bold, etc
Character set	EPSON emulation
Printing direction	Straight, 90°, 180°, 270°
PCB Memory	4 MB flash and 64 KB RAM
Data Buffer	1 MB

Font

ASCII	9*17 ; 12*24 dots
Chinese	24*24 dots
Barcode	Full support

Software

Driver	Windows XP, 7, 8, 10, 11, Andoid, Linux
Tools	MSPrinterTools upon request, customizable Nvbitmap



Mechanical

Dimension w/ bezel	119.8 mm (L) x 125 mm (W) x 86.13 mm (H)
Power Supply	24V dc±10%
Working current	1.5A continuous 3.2A Peak (76.8 Watt)
Idle current	61mA
Interface	RS232 + USB
Weight w/o paper spindle	1.45 kg
Operating temperature	-10 - 60 °C
Storage temperature	-20 - 70 °C
Operating humidity	20 - 80%
Storage humidity	10 - 90%

Accessories

EP802 Outdoor Printer Bezel – Black	23201019
EP802-TM Smart Thermal Printer Bezel – Blue	23201042
EP802 Thermal Printer Roll Sleeve	23291060
EP802 Roll Spindle Snap Lock	23201049
EP802 Printer USB Cable – Centre-right Orientation	23201034
EP802 RS-232C Printer Cable – Centre-right Orientation	23201033
EP802 Printer USB Cable – Centre-left Orientation	23201032
EP802 RS-232C Printer Cable – Centre-left Orientation	23201031
EP802 60mm Printer Kit	23201077
EP802 Power Supply Unit	23209705

Part Number

EP802-TM Thermal Printer	23101110
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Available on Request	Drawing
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See the **EP802-TM** thermal printer in action!

[Product Video](#)

