

# TM-T88V

## Thermal Receipt Printer



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POS

## The reliable, high-performance thermal receipt printer.

**Versatile** — supports 3" and 2" media width

**Fast** — prints up to 300 mm/sec; designed for high-volume use

**Highly configurable with Connect-It™ modules** — includes wireless and Bluetooth® capabilities

**Paper-saving options** — reduce your paper usage by up to 30 percent<sup>1</sup>

**Compatible** — works with both traditional and mobile (iOS®, Android™ and Windows®) POS systems; includes ESC/POS® OPOS and Java POS drivers

**ePOS™ print technology** — for easy setup with iOS, Android and Windows mobile devices

**Wireless setup** — with SimpleAP (wireless SKU only)

**Dual interface** — options include USB, Ethernet, wireless and Bluetooth

**Energy efficient** — low power consumption; ENERGY STAR® qualified<sup>2</sup>

**Comprehensive service and support** — dedicated technical resource team; customized solutions; 4-year limited warranty

**Printer**

**Print Method** Thermal line printing  
**Print Speed** 300 mm/sec (11.8"/sec) max. for graphics and text  
**Print Resolution** 180 dpi  
**Fonts**  
 Font A (default): 12 x 24  
 Font B: 9 x 17 (including 2-dot horizontal spacing)  
**Column Capacity**  
 80 mm model: 42/56 columns  
 58 mm model: 30/40 columns  
**Character Size (W x H)**  
 Font A: 1.41 x 3.39 mm  
 Font B: 0.99 x 2.40 mm  
**Character Set** 95 Alphanumeric, 18 International, 128 x 43 Graphic (including user-defined page); options for customization include Traditional/Simple Chinese, Thai, Japanese and Korean  
**Barcode** UPC-A, UPC-E, JAN8(EAN), JAN13(EAN), CODE39, CODE93, CODE128, ITF, CODABAR, GS1-128, GS1 DataBar  
**Two-dimensional Code** PDF417, QRCode, MaxiCode, 2D GS1 DataBar, Composite Symbology

**Media Handling**

**Media Dimensions**  
 80 mm: 79.5 ± 0.5 x 83 mm  
 [3.13" ± 0.02" (width) x 3.27" (roll diameter)]  
 58 mm: 57.5 ± 0.5 x 83 mm  
 [2.26" ± 0.02" (width) x 3.27" (roll diameter)]  
**Thickness** 0.06 to 0.07 mm

**General**

**Interfaces**  
 Built-in USB, + UIB (Serial, Parallel, IEEE-1284, Hi-Speed USB, Powered USB), wireless, Ethernet (10/100Base-T/TX), Bluetooth 2.1+EDR (dedicated model)  
**Printing from a Mobile Device**  
 Wireless (802.11): iOS, Android and Windows operating systems  
 Bluetooth: iOS, Android and Windows operating systems  
**Reliability**  
 MTBF: 360,000 hours  
 MCBF: 70,000,000 lines  
 Auto Cutter Life: 2 million cuts<sup>3</sup>

**General (continued)**

**Data Buffer**  
 Receive: 45 bytes or 4KB, selectable  
 User-defined: 12KB  
 Macro: 2KB  
 NV graphics: 256KB  
 NV user: 1KB  
 Page mode area: 106K  
**D.K.D. Function 2 drivers**  
 EMI Standards FCC/ICES-003 Class A  
**Safety Standards** UL1950/CSA C22.2 No.950  
**Options**  
 Power supply cover, PS-180 AC adapter, one wall hanging bracket, affixing tape and Connect-It interfaces  
**Power Supply Voltage** 24 VDC ± 7%  
**Power Consumption**  
 Operating: Approx. 1.8 A (mean)  
 Standby: 0.5 W  
 Power Source: 24 VDC ± 7%  
**Dimensions (W x D x H)** 5.71" x 7.68" x 5.83"  
 (145 x 195 x 148 mm)  
**Weight** 3.5 lb (1.6 kg)  
**Case Color** Epson® Dark Gray (EDG), Epson Black (EBCK), Epson Cool White (ECW)  
**OS/Support**  
 Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista®, Windows XP, Windows 2000, Windows Server® 2008; WEPOS; POSReady, Linux, Mac® OS X®  
**Warranty** 4-year limited warranty

**Software**

**Backup/Restore** TM Utility (Win)

**What's in the Box**

TM-T88V thermal printer, Thermal roll paper (starter roll for testing), Cable connector cover, AC adapter with AC cord, Setup guide, Power switch cover, CD (drivers, utilities and documentation)\*  
 \*May not be included, depending on the SKU

**Eco Features**

RoHS compliant  
 Recyclable product\*  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>5</sup>

**Ordering Information\*\***

Model	Interfaces	Color**	Part Number
TM-T88V	Serial	EDG	C31CA85084
TM-T88V	Serial	EBCK	C31CA85091
TM-T88V	Serial	ECW	C31CA85014
TM-T88V	Parallel	EDG	C31CA85834
TM-T88V	Parallel	ECW	C31CA85814
TM-T88V	Bluetooth	EDG	C31CA85955

\*\* EDG: Epson Dark Gray, EBCK: Epson Black, ECW: Epson Cool White  
 For additional connectivity options, please contact your Epson representative.



1 Paper savings depend on the text and graphics printed on the receipt. | 2 Multiple configurations are ENERGY STAR qualified. | 3 Rated cutter life based on use of Epson-tested media only, with printer operated at room temperature and normal humidity. | 4 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 5 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)

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