

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 percent¹

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® qualified²

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 cuts¹

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 Partner⁵

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 | 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

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