

### Overview

#### Epson TM88VI Serial Ethernet USB Printer



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### Models

EpsonTM88VI Serial Ethernet USB Printer only	2HV25AA
EpsonTM88VI Serial Ethernet USB Printer only	2HV25AT

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### Introduction

The Epson TM-T88VI Serial Ethernet USB Printer is a revolutionary receipt printer with advanced connectivity and cloud support. The printer can connect to multiple devices simultaneously and be dynamically shared by legacy POS terminals, tablets and mobile devices, as well as cloud servers.

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### Key Benefits

- Maximum flexibility with three options, including built-in USB and Ethernet
- Print speeds up to 350 mm/sec, plus a high-speed auto cutter
- Top-margin and character-height reduction features help reduce paper usage by up to 49 percent
- Three-year limited warranty from HP

### Overview

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#### **Compatibility**

The Epson TM-T88VI Serial Ethernet USB Printer is compatible with the HP Point of Sale Systems.

**NOTE:** Not all Point of Sale system models are available in all regions.

Not all HP Cash Drawer models are available in all regions.

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#### **Service and Support**

Three (3) year limited warranty with advance exchange when purchased from HP. Additional HP Care Pack Services options are available to extend warranty coverage.

### Technical Specifications

#### General

<b>Fonts</b>	Font A (default): 12 x 24 Font B: 9 x 17 (including 2-dot horizontal spacing)
<b>Character Set</b>	95 Alphanumeric, 18 International, 128 x 43 Graphic (including user-defined page); Options for customization include Traditional/Simple Chinese, Thai, Japanese and Korean
<b>Data Buffer</b>	Receive: 45 bytes or 4KB, selectable User-defined: 12KB Macro: 2KB NV graphics: 384KB NV user: 1KB
<b>Receipt-Columns Paper Roll Size</b>	80 mm model: 42/48/56 columns: 80 mm: 79.5 ± 0.5 x 83 mm 3.13" ± 0.02" (width) x 3.27" (roll diameter) 58 mm model: 30/36/40 columns: 58 mm: 57.5 ± 0.5 x 83 mm 2.26" ± 0.02" (width) x 3.27" (roll diameter)
<b>Knife</b>	Auto Cutter
<b>Resolution</b>	180 dpi
<b>Paper Thickness Range</b>	48 – 80 µm
<b>Cash Drawers</b>	1 connector can drive 2 cash drawers with separately purchased splitter cable (default configuration is connection to 1 cash drawer)
<b>Bar Codes</b>	UPC-A/E, Code 39/93/128, CODABAR PDF417, QR-CODE, MaxiCode, Data Matrix, Aztec Code, Composite Symbology, GS1-128, GS1 DataBar Omnidirectional/Truncated/Limited/Expanded
<b>Print method</b>	Thermal line printing
<b>Print speed</b>	350 mm/sec (13.8"/sec) max. for graphics and text; Backward Paper Feeding function: 2 mm – 14.5 mm/sec (0.08" – 0.6"/sec)
<b>Paper type</b>	Direct thermal POS Grade(s)

# QuickSpecs

## Epson TM88VI Serial Ethernet USB Printer

### Technical Specifications

<b>Mechanical</b>	<b>Dimensions (WxDxH)</b>	5.71" x 7.68" x 5.83" (145 x 195 x 148 mm)
	<b>Weight</b>	3.5 lb (1.6 kg)
	<b>Color</b>	Epson® Black (EBCK), Epson White (ENN8.5)
<b>Interface/Connection</b>	<b>Interface</b>	Built-in USB, Built-in Ethernet (10/100Base-T/TX) + UIB (Serial, Parallel, Powered USB), Bluetooth 3.0+EDR
<b>Power</b>	<b>Operating Voltage</b>	24 VDC ± 7%
	<b>Consumption</b>	Operating: Approx. 1.8 A (mean) Standby: 0.5 W
<b>Temperature Range</b>	<b>Operating</b>	5 to 45°C (41 to 113°F) at 10 to 90% Humidity
	<b>Storage</b>	-10 to 50°C (14 to 122°F) at 5 - 90 % Humidity
<b>Wireless (USB wireless dongle)</b>	OT-WL05 (802.11 a/b/g/n, 2.4G/5G) or OT-WL02 (802.11 b/g/n, 2.4G)	
<b>Beacon (using Bluetooth Low Energy)</b>	Beacon dongle (Epson-approved dongle: Laird model BT820)	
<b>Printer Discovery</b>	NFC (Near Field Communication), Simple AP (wireless network)	
<b>Communication Protocols</b>	ESC/POS®, ePOS Print Service (Ethernet/Wireless), Server Direct Print (Ethernet/Wireless)	
<b>Network Security</b>	Security: WEP, WPA-PSK, WPA2-PSK/EAP WPA2-EAP: EAP-TLS, PEAP/MSCHAPv2, PEAP/TLS Port open/close setting IP address filtering	
<b>Printing from a Mobile Device</b>	Wireless (802.11): iOS, Android™ and Windows® operating systems Bluetooth: iOS, Android and Windows operating systems mPOS Friendly Settings (default): DHCP enabled, DNS enabled,	
<b>Software and Utilities</b>	ePOS-Print (XML over HTTP): WEP/WPA/WPA2-Personal/Enterprise ePOS-Display Server Collaboration: Server Direct Print, Status notification PHP/Sqlite3 Backup/Restore: TM Utility (Windows)	

### Technical Specifications

<b>Drivers</b>	Windows native, OPOS
<b>Operating System Compatibility</b>	Microsoft® Windows (APD, OPOS, OPOS for .NET, JavaPOS) Microsoft Windows 8.1 / iOS / Android (ePOS-Print SDK) Mac® OS X® Linux (CUPS, JavaPOS)
<b>Reliability</b>	MTBF: 360,000 hours MCBF: 70,000,000 lines Thermal head life: 200 km Auto cutter life: 3 million cuts
<b>Agency Certifications</b>	RoHS compliant FCC/ICES-003 Class A UL60950-1/CSA C22.2 No.60950-1
<b>Option kit contents</b>	OmniLink TM-T88VI printer, Thermal roll paper (starter roll for testing), Power switch cover, Connector cover, Bottom cover for connector cover, Roll paper guide, Screws, Setup guide, AC adapter w/AC cord, CD (drivers, utilities, and documentation)
<b>Cable Kits</b>	2KH42AA                      Epson 10' USB Cable 2LR29AA                      Epson 6' PUSB Cable (power only) 2KH40AA                      Epson 10' PUSB Y Cable (power and communication) 2KH41AA                      Epson 6' Serial Cable 2KH39AA#ABA                Epson Power supply w AC Cord

### Summary of Changes

Date of change:	Version History:	Description of change:
	From v1 to v2	

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