

Overview

Epson TM88VI Serial Ethernet USB Printer



Models

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

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.

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

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.

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

Fonts	Font A (default): 12 x 24 Font B: 9 x 17 (including 2-dot horizontal spacing)
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
Data Buffer	Receive: 45 bytes or 4KB, selectable User-defined: 12KB Macro: 2KB NV graphics: 384KB NV user: 1KB
Receipt-Columns Paper Roll Size	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)
Knife	Auto Cutter
Resolution	180 dpi
Paper Thickness Range	48 – 80 µm
Cash Drawers	1 connector can drive 2 cash drawers with separately purchased splitter cable (default configuration is connection to 1 cash drawer)
Bar Codes	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
Print method	Thermal line printing
Print speed	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)
Paper type	Direct thermal POS Grade(s)

QuickSpecs

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Technical Specifications

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

Drivers	Windows native, OPOS
Operating System Compatibility	Microsoft® Windows (APD, OPOS, OPOS for .NET, JavaPOS) Microsoft Windows 8.1 / iOS / Android (ePOS-Print SDK) Mac® OS X® Linux (CUPS, JavaPOS)
Reliability	MTBF: 360,000 hours MCBF: 70,000,000 lines Thermal head life: 200 km Auto cutter life: 3 million cuts
Agency Certifications	RoHS compliant FCC/ICES-003 Class A UL60950-1/CSA C22.2 No.60950-1
Option kit contents	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, CD (drivers, utilities, and documentation)
Cable Kits (Sold separately)	2KH42AA Epson 10' USB Cable 2KH43AA 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:
October 19, 2017	From v1 to v2	Changed	Epson 6' PUSB Cable part number to 2KH43AA on the cable kits section.
January 26, 2018	From v2 to v3	Changed	AC adapter and AC cord removed from option kit contents and (9 sold separately) added to Cable kit heading.

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