

Overview

Epson TM-T88VI Serial Ethernet USB Printer



Models

Epson TM-T88VI Serial Ethernet USB Printer

2HV25AA/AT

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 connectivity options, including built-in Serial, 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
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Compatibility

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

Overview

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.

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); Standard firmware includes Traditional/Simplified Chinese, Thai and Korean; requires utility to set the desired language support. The Japan-specific model will support Japanese.
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)
Barcodes	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)

QuickSpecs

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Technical Specifications

	Paper type	Direct thermal POS Grade(s)
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)
Interface/Connection	Interface	Serial, Ethernet, USB
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
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) Android support (Android SDK available)	
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 UL62368-1/CSA C22.2 No. 62368.1	
Box 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). Cables kit sold separately.	

Technical Specifications

Cables (Sold separately)

Recommended cables:

1C5A0AA

Epson 6-ft USB Cable (requires power adapter 2KH39AA), or

2RL29AA

Epson 10-ft USB Cable (requires power adapter 2KH39AA), or

2KH41AA

Epson 6-ft Serial Cable (requires power adapter 2KH39AA)

Alternate

configurations:

2KH40AA

Epson 10-ft PUSB Y Cable (power and communication; no power supply required)

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.
March 4, 2020	From v3 to v4	Added	Epson TM88VI Serial Ethernet USB White to Models section
		Changed	Service and Support and Interface/Connection sections
		Removed	Wireless (USB wireless dongle), Beacon (using Bluetooth Low Energy), Printer Discovery, Communication Protocols, Network Security, Printing from a Mobile Device and Software and Utilities sections and removed Epson 6' PUSB Cable (power only)
June 29, 2021	From v4 to v5	Changed	Format
September 14, 2021	From v5 to v6	Changed	Character set, Operating System, cable sections
March 9, 2022	From v6 to v7	Changed	Models section

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