

Epson TM-T88VI



Overview

The TM-T88VI is a state-of-the-art receipt printer, offering fast print speeds and high reliability, with advanced features to support the coexistence of traditional PC POS with the web and tablet POS services.

Ideal for retailers and hospitality businesses looking to tap into the benefits of web and tablet POS services while maintaining compatibility with existing applications, the TM-T88VI offers an ideal solution for customer-facing businesses of all sizes, and some of the most advanced features on the market.

KEY FEATURES & BENEFITS

- Connect to multiple devices simultaneously – printer can be dynamically shared by legacy POS terminals, tablets and mobile devices, as well as cloud servers
- Triple-interface connectivity to future-proof growing businesses – maximum flexibility with three options, including built-in USB and Ethernet
- Print from web-based applications – incorporates Epson's ePOS Print Technology
- Distributed proximity-based printing – through Epson's beacon support using BLE (Bluetooth Low Energy)
- Easy printing from mobile devices – NFC (Near Field Communication) technology for easy pairing with your device
- Ultra fast transaction times – print speeds up to 350 mm/sec, plus a high-speed auto cutter
- Advanced paper-saving functions – top-margin and character-height reduction features help reduce paper usage by up to 49 percent
- Reliability you can count on – printhead life of 200 km, plus an auto cutter life of 3 million cuts
- Low total power consumption – operating power of 1.8 A and standby power of 0.5 W

State-of-the-art PC, tablet and web-based POS receipt printer

The TM-T88VI can print receipts directly from the web, tablets, smartphones and other mobile devices using XML commands, and offers internal storage for database and web content uploads. It coexists with traditional PC-based applications, and works on several platforms so it's simple to integrate with your existing network. All models come with Ethernet connectivity, with optional Bluetooth and Wi-Fi connectivity available.



Paper saving functionality

The TM-T88VI offers advanced paper-saving functions, allowing you to reduce wastage by up to 49% without affecting legibility. These optional features include white space removal, barcode and character height reduction. The TM-T88VI prints your logo on the next receipt before cutting the one before it, and has backward paper feeding, to ensure maximum paper usage.



Easy to integrate

The TM-T88VI offers a variety of tools for configuration, operation, installation support and development, as well as TM-Utility for easy set-up. SDKs are available for software developers to create native apps for Android, iOS and Windows devices or web applications. [For more information](#)

Feature comparison

Features	TM-T88V	TM-T88V-i	TM-T88VI (New)	TM-T88VI-iHUB (New)
Epson's ePOS technology for printing from web applications and smart devices such as smartphones and tablets, using dedicated apps or a browser.	✓	✓	✓	✓
Coexistence for printing from both USB and network (ePOS). This is useful for migrating from traditional PC-based printers to intelligent receipt printers, as you can keep using a PC-based solution while web or tablet services are integrated.	-	✓	✓	✓
Prints speeds of up to:	300mm/s	300mm/s	350mm/s	350mm/s
Server Direct Print allows the receipt printer to obtain and print data directly from web server. This allows online orders, coupons, click-and-collect applications, and other web-based content to be printed.	-	✓	✓	✓
HTTPS support ensures completely secure communication all the way from order to receipt printer.	-	✓	✓	✓
Backward paper feeding function, for a even more efficient paper saving	-	-	✓	✓
Configuration, operation and development tools to ensure easy and cost-effective implementation and maintenance.	✓	✓	✓	✓
e-POS device support (auto device registration, device listing API, USB-COM converter cable, device control script, TLS on XML)	-	-	-	✓
2.1A USB charging port	-	-	-	✓
Device Data Notification (Device Data Notification is a function used to post the data input from the input device that is connected to the TM intelligent printer to the designated URL of the Web server. The Web server application performs device control, such as printing and displaying information on the customer display, by including print data in ePOS-Device XML format and device control into the response to a request from the TM intelligent printer.)	-	✓	-	✓
Available in:	EDG or ECW	EDG or ECW	Black	Black

Specification

PRINTER	
MODEL NAME	TM-T88VI
PRINTING TECHNOLOGY	Thermal line printing
PRINT RESOLUTION	180 dpi
PRINT SPEED	350 mm/sec (max), 300mm/sec (default)
PRINT FONTS	Font A (default): 12 x 24 Font B: 9 x 17
COLUMN CAPACITY	80mm: 42/48/56 columns 58mm model: 30/36/40 columns
CHARACTER SIZE (mm)	Font A (default): 12 x 24 Font B: 9 x 17
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/E, Code 39/93/128, CODABAR PDF417, QR-CODE, MaxiCode, Data Matrix, Aztec Code, Composite Symbology, GS1-128, GS1 DataBar Omnidirectional /Truncated /Limited /Expanded
MEDIA HANDLING	
THICKNESS	48 – 80 µm
MEDIA DIMENSIONS	80mm: 79.5 ± 0.5 (W) x 83mm diameter (3.13" ± 0.02" x 3.27") 58mm: 57.5 ± 0.5 (W) x 83mm diameter (2.26" ± 0.02" x 3.27")
STANDARD CONNECTIVITY	Built-in USB, Built-in Ethernet (10/100Base-T/TX) + UIB (Serial, Parallel, Powered USB) Bluetooth 2.1+EDR (dedicated model) Wireless (USB wireless dongle): OT-WL05 (802.11 a/b/g/n) or OT-WL02 (802.11 b/g/n) 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)
PRINTING FROM A MOBILE DEVICE	WiFi (802.11): iOS, Android™ and Windows® operating systems Bluetooth: iOS, Android and Windows
GENERAL	
OPERATING SYSTEMS	Microsoft® Windows (APD, OPOS, OPOS for .NET, JavaPOS) Mac OS X® Linux (CUPS, JavaPOS) Microsoft Windows 8.1 / iOS / Android (ePOS-Print SDK)
DIMENSIONS	145 x 195 x 148mm (W x D x H)
WEIGHT	1.6kg
SECURITY	Security: WEP, WPA-PSK, WPA2-PSK/EAP WPA2-EAP (Enterprise): EAP-TLS, PEAP/MSCHAPv2, PAEP/TLS Port open/close setting IP address filtering
SAFETY APPROVALS	RCM: AS/NZS CISPR 32 Class A Energy-Saving: ENERGY STAR
CASE COLOR	Epson Black (EBCK), Epson White (ENN8.5)
RELIABILITY	

MTBF	360,000 hours
MCBF	70,000,000 lines
THERMAL HEAD LIFE	200km
AUTO CUTTER LIFE	3 million cuts
WARRANTY	48 months
DATA BUFFER	
RECEIVE	45 bytes or 4KB, selectable
USER-DEFINED	12KB
MACRO	2KB
NV GRAPHICS	384KB
NV USER	1KB
SOFTWARE INCLUDED	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 (Win)
OPTIONS	Power supply cover PS-180 AC adapter one wall hanging bracket affixing tape and Connect-It interfaces
POWER	
POWER SUPPLY VOLTAGE	24VDC \pm 7%
POWER CONSUMPTION	Operating: 27.6W Stand-by: 0.5W
POWER SOURCE	24VDC \pm 7%
CONFIG BUILDS	
C31CE94241	TM-T88VI-241 Built-in Ethernet USB, Serial, dark grey
C31CE94243	TM-T88VI-243 Built-in Ethernet USB, Parallel, dark grey
C31CE94581	TM-T88VI-581 Built-in Ethernet USB, BT iOS, dark grey
OPTIONS	
C32C890739	Wireless LAN adapter 2.4GHz for TM-T88VI
C32C845040	Wall Hanging Bracket - use with TM-T88VI, TM-T88V, TM-T88IV, TM-T90, TM-L90, TM-U220 & TM-U230
C32C814596	Power supply cover for TM-T88VI
COVERPLUS SERVICE PACK (OPTIONAL)	
1YWT88VI	Coverplus 1yr Service Pack TM-T88VI

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Consumables

There are no consumables for this product.