EPSON®

OmniLink® TM-T88VI
Single-station Thermal Receipt Printer

Revolutionary receipt printer with advanced connectivity and cloud support.

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

Designed for the cloud — leverage best-of-breed POS apps and perform remote firmware upgrades using OmniLink Merchant Services, plus utilize Server Direct Printing for online ordering

Distributed proximity-based printing — through Epson's beacon support using BLE (Bluetooth® Low Energy)[1]

Easy printing from mobile devices — NFC (Near Field Communication) technology for easy pairing with your device[2]

Ultra fast transaction times — print speeds up to 350 mm/sec[3], 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[4]

Reliability you can count on — printhead life of 200 km, plus an auto cutter life of 3 million cuts[5]

Printer

Print Method Thermal line printing

Print Speed[3]
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)

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: 42/48/56 columns
58 mm model: 30/36/40 columns

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

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 48 – 80 µm

General

Interfaces Built-in USB, Built-in Ethernet (10/100Base-T/TX) +
UIB (Serial, Parallel, Powered USB), Bluetooth 3.0+EDR
(dedicated model)

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[1]
(Epson-approved dongle: Laird model BT820)

Printer Discovery NFC (Near Field Communication)[2],
Simple AP (wireless network)

Communication Protocols ESC/POS®, ePOS Print Service
(Ethernet/Wireless), Server Direct Print (Ethernet/Wireless)

General (continued)

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,
IP printing enabled

Supported Customer Display
DM-D30
DM-D110

Reliability
MTBF: 360,000 hours
MCBF: 70,000,000 lines
Thermal head life: 200 km[5]
Auto cutter life: 3 million cuts[5]

Data Buffer
Receive: 45 bytes or 4KB, selectable
User-defined: 12KB
Macro: 2KB
NV graphics: 384KB
NV user: 1KB

D.K.D. 2 drivers

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)

EMI Standards FCC/ICES-003 Class A

Case Color Epson® Black (EBCK), Epson White (ENN8.5)

Safety Standards UL60950-1/CSA C22.2 No.60950-1

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%

Software

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)

OS/Language Support
Microsoft® Windows (APD, OPOS, OPOS for .NET, JavaPOS)
Microsoft Windows 8.1 / iOS / Android (ePOS-Print SDK)
Mac® OS X®
Linux (CUPS, JavaPOS)

Warranty 4-year limited warranty in the U.S. and Canada

What's in the Box

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)
* May not be included depending on the model

Eco Features

RoHS compliant
Recyclable product[6]
Epson America, Inc. is a SmartWay® Transport Partner[7]

Ordering Information**

Model	Interfaces	Color**	Part Number
OmniLink TM-T88VI	Serial	EBCK	C31CE94061
OmniLink TM-T88VI	Serial	ENN8.5	C31CE94051
OmniLink TM-T88VI	Parallel	EBCK	C31CE94A9991
OmniLink TM-T88VI	Parallel	ENN8.5	C31CE94A9981
OmniLink TM-T88VI	Serial, Wireless	EBCK	C31CE94A9921
OmniLink TM-T88VI	Serial, Wireless	ENN8.5	C31CE94A9971
OmniLink TM-T88VI	Bluetooth	EBCK	C31CE94531

** All models have built-in USB and Ethernet interfaces with
mPOS-friendly settings as the default. EBCK: Epson Black;
ENN 8.5: Epson White

5.83"
7.68"
5.71"

⚠ **WARNING:** The paper roll shipped together with this product can expose you to chemicals, including Bisphenol A and Bisphenol S, which are known to the State of California to cause birth defects or other reproductive harm.
Wash hands after handling.

For more information, go to www.P65Warnings.ca.gov

1 Requires the use of a beacon dongle connected to TM-T88VI printer via the USB-A port. Supports only Apple® iBeacon™ compliant format. The Epson-approved dongle is Laird model BT820. | **2** NFC tag requires use of a device that includes NFC reader, and may require additional software. | **3** Speed based on using 80 mm wide media only and Epson's PS-180 power supply. Configurations not including the PS-180 will have a default print speed of 300 mm/sec. | **4** Paper savings depend on the text and graphics printed on the receipt. | **5** Rated printhead and cutter lives based on use of the following media only, with printer operated at room temperature and normal humidity: Model KT55FA: Papierfabrik August Koehler SE; Model PD160R: Oji Imaging Media Co., Ltd.; Model TF50KS-Y: NIPPON Paper Industries Co., Ltd. | **6** For convenient and reasonable recycling options, visit www.epson.com/recycle | **7** 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**

Better Products for a Better Future™
eco.epson.com

SmartWay® Transport Partner
Getting There With Cleaner Air

ENERGY STAR

Contact:

Epson America, Inc.
3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca