UniLink™

OmniLink TM-T88VI-i Intelligent Thermal Receipt Printer

Contact Us 800.463.7766

Mon-Fri 7am-4pm PT

Receipt printer with hub connectivity, cloud and embedded server.

The groundbreaking OmniLink® TM-T88VI-i helps merchants deliver the best customer experience in an ever-changing market. Featuring multi-interface and hub connectivity, this intelligent printer meets POS needs both now and in the future. A built-in Web server supports custom Web applications, while Epson's ePOS Device Technology enables businesses to use the printer as a peripheral hub for mobile/cloud-based POS. With built-in Ethernet and USB, plus Bluetooth® and wireless options, the TM-T88VI-i supports traditional PC-POS, mobile devices and cloud servers. Print from web-based applications. Or, utilize Server Direct Printing for online ordering. Use the cloud functionality to leverage best-of-breed POS applications with OmniLink Merchant Services.

- Built-in Web server for custom Web applications
- Use as a peripheral hub for mPOS solutions
- Connect to multiple devices and cloud servers
- Three interfaces incl. built-in USB and Ethernet
- Print from web-based apps with ePOS Print tech

Model: C31CE94731

Overview ▷

- **Do more with custom Web applications** — built-in Web server offers maximum flexibility and customization
- **Manage peripherals** — Epson's ePOS Device Technology enables you to use the printer as a peripheral hub for mobile and cloud/browser-based POS systems
- **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]

What's In The Box:

- OmniLink TM-T88VI-i printer
- Thermal roll paper (starter roll for testing)
- Power switch cover
- Connector cover
- Bottom cover for connector cover
- Roll paper guide
- Screws
- Set-up guide
- AC Adapter V w/AC cord
- CD (drivers, utilities, and documentation)

Specifications ▷

Print Other:

Printing Technology:
Thermal line printing

Print Resolution:
180 dpi

Print Speed:
350 mm/sec (13.8"/sec) max. for graphics and text[1]

Print Direction:
Backward Paper Feeding function: 0.08" ~ 0.6"/sec (2 mm ~ 14.5 mm)[1]

General:

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

Server Systems:
- Type: Embbeded
- CPU: Arm-Cortex-A5 384MHz
- Embedded Linux: lighttpd

Dimensions:
5.71 x 7.68 x 5.83" (145 x 195 x 148mm) (W x D x H)

Weight:
3.5 lbs (1.6 kg)

Security:
- Security: WEP, WPA-PSK, WPA2-PSK/EAP
- WPA2-EAP(Enterprise): EAP-TLS, PEAP/MSCHAPv2, PEAP/TLS
- Port open/close setting
- IP address filtering

Safety Approvals:
- Safety standards: UL60950-1/CSA C22.2 No.60950-1
- EMI standards: FCC/ICES-003 Class A

Case Color:
Epson Black (EBCK)

Print Fonts:

Print Fonts:
- Font A (default): 12 x 24
- Font B: 9 x 17 (including 2-dot horizontal spacing)

Column Capacity:
- 80 mm: 42/48/56 columns
- 58 mm model: 30/36/40 columns

Character Size:
- Font A: 1.41 x 3.39
- Font B: 0.99 x 2.40 (W x H mm)

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.

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: 3.13" ± 0.02" (width) x 3.27" roll diameter (79.5 ± 0.5 x 83mm)
- 58mm: 2.26" ± 0.02" (width) x 3.27" roll diameter (57.5 ± 0.5 x 83mm)

Connectivity:

Standard Connectivity:

- Built-in USB, Serial, Ethernet (10/100Base-T/TX)
- Connector Type: USB Type A Connector x1, USB Type B Connector x4, RJ45 x1, DB9 Male x1, DKx1, 3 Pin Mini Din Female X1
- Wireless (Requires 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 (Requires Bluetooth Low Energy dongle) Beacon dongle[3] (Epson-approved dongle: Laird model BT820)
- Printer Discovery NFC (Near Field Communication)4, Simple AP (wireless network)
- Communication Protocols ESC/POS, ePOS-Print Service (Ethernet/Wireless), Server Direct Print (Ethernet/Wireless)

Printing from a Mobile Device:

- Wireless (802.11): iOS, Android™ and Windows® operating systems
- Bluetooth iOS, Android and Windows
- mPOS Friendly Settings (default): DHCP enabled, DNS enabled, IP printing enabled

POS Details:

Reliability:

- MTBF: 50,000 hours
- MCBF: 70,000,000 lines
- Thermal head life: 200km[2]
- Auto Cutter life: 3 million cuts[2]

Data Buffer:

- Receive: 45 bytes or 4 KB, selectable
- User-defined: 12 KB
- Macro: 2 KB
- NV graphics: 384 KB
- Downloaded Graphics Area: 208 KB
- NV user: 1KB
- Web Contents Area: 100 MB

D.K.D.:

2 drivers

Software Included:

- ePOS-Print (XML over HTTP)
- ePOS-Device
- ePOS-Display

- WebConfig
- Server Collaboration: Server Direct Print and XML base printing
- PHP/Sqlite3
- Backup/Restore: TM Utility (Win)

Options:
Power supply cover, AC adapter V power supply, one wall hanging bracket, affixing tape

Power:

Power Supply Voltage:
- Input Voltage: AC 100 V – 240 V
- Frequency: 50Hz-60Hz

Power Consumption:
- Operating: Approx. 27.4 W
- Stand-by: 1.5 W

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