

Epson OminLink TM-T88V-i Smart Printer for Mobile POS



- Printer with retail-hardened PC
- Supports printing from virtually any mobile device
- Enables cloud services without need for legacy POS integration
- Offers 4 USB ports and 1 serial port to connect up to 5 peripherals
- Controls peripherals from any mobile device
- Print option features reduce paper usage up to 30%
- Fast print speeds up to 300mm/sec

The OminLink™ TM-T88V-i smart printer is the ideal mobile solution for retail and hospitality. It offers printing from any mobile device, easy access to cloud services and allows multiple peripherals to connect directly through the printer.

Integrated intelligence and performance

Epson's OminLink TM-T88V-i combines our best-selling TM-T88V receipt printer with a retail-hardened PC and built-in web server to enable mobile POS deployments, tablet-based POS systems, cloud-based services and control of peripherals. And it provides the application power and flexibility to run a broad range of POS configurations.

Flexible, mobile printing

The OminLink TM-T88V-i features Epson's advanced ePOS technology that enables browser-based printing from virtually any mobile device, with no drivers to install. ePOS technology provides seamless communication between the receipt printer and iOS and Android mobile devices anywhere in the store.

Easy peripheral connectivity and control

The OminLink TM-T88V-i features Epson's ePOS-Device technology, which allows retailers to easily add peripherals to virtually any POS system. This feature is particularly advantageous with mobile and tablet-based POS. The OminLink TM-T88V-i comes with four USB ports and one serial port to provide reliable

connectivity for up to five devices including handheld scanners, scales, 2x20 customer displays, wedge MSR's and more. And mobile devices can communicate with any peripheral connected to the OminLink TM-T88V-i.

Get the benefits of cloud services

With the OminLink TM-T88V-i, retailers can quickly add powerful cloud services such as data analytics, loyalty programs and smart receipts regardless of their current POS system. Transactional data is sent from the printer to the cloud, where it is parsed and utilized to extract valuable real-time data.

Reliable receipt printing

Epson's industry-leading TM-T88V POS printer offers best-in-class reliability, paper-saving features that reduce paper usage by up to 30% and best-in-class energy efficiency.

Backed by the leader

The OminLink TM-T88V-i is backed by Epson's industry-leading service and support programs and comes with a three-year limited warranty.

All the features you need

- Printer with retail-hardened PC
- Supports printing from virtually any mobile device
- Enables cloud services without need for legacy POS integration
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Printer

Print method	Thermal line printing
Print speed	Max. 11.8"/sec (300mm) graphics and text; 2.4"/sec for ladder and 2D barcodes
Print font	
Fonts	Font A (default): 12 x 24; Font B: 9 x 17 (including 2-dot horizontal spacing)
Column capacity	80mm: 42/56 columns; 58mm model: 30/40 columns
Character size	Font A: 1.41 x 3.39; Font B: 0.99 x 2.40 (W x H mm)
Character set	95 Alphanumeric, 18 International, 128 x 43 Graphic (including user-defined page), Traditional/Simple Chinese, Thai, Japanese, Korean
Barcode	UPC-A/E, CODE 39/93/128, EAN8/13, ITF, CODABAR 2D symbols: PDF417, QR-CODE, MaxiCode, Composite Symbology, GS1-128, GS1 DataBar Omnidirectional/Truncated/Limited/Expanded
Paper dimensions	80mm: 3.13" ± 0.02" x 3.27" diameter (79.5 ± 0.5 (W) x 83mm) 58mm: 2.26" ± 0.02" x 3.27" diameter (57.5 ± 0.5 (W) x 83mm)
Paper thickness	55 – 80 µm
Reliability	
MTBF	360,000 hours
MCBF	70,000,000 lines
Autocutter	2 million cuts

General information

Processor	ARM9 Processor (400MHz)
System memory	256MB
Operating system	Embedded Linux
Product package	TM-T88V-i comes with the intelligent interface installed
Software	WebPOS Configuration, ePOS-Device, Server Direct Print
Simple web server function	HTTP server (Apache)
Interface	Ethernet interface (100 Base-TX / 10 Base-T), USB 2.0 Type A (4x), USB 2.0 Micro-AB, Serial x 1 (D-Sub 9 Pin)
Data buffer	Receive: 45 bytes or 4KB, selectable; user-defined: 12KB; macro: 2KB; NV graphics: 256KB; NV user: 1KB; page mode area: 106K
Power	24 VDC ± 7%
Power consumption	Operating: approx. 1.8 A (mean)
Power supply	External
D.K.D. function	2 drivers
Overall dimensions	5.71" x 7.68" x 5.83" (145 x 195 x 148 mm) (W x D x H)
Mass	3.5 lb (1.6 kg)
Color	Epson Black (EBCK)
Factory options	Autocutter, Near-end sensor
EMI standards	FCC/ICES-003 Class A
Safety standards	UL1950/CSA C22.2 No. 950
Warranty	3-year limited warranty

What's in the box

- OmniLink TM-T88V-i
- Thermal roll paper (starter roll for operation check)
- Set-up guide
- CD ROM (includes User Manual, Technical Manual, drivers)
- Roll paper guide
- Power switch cover
- Cable cover
- AC adapter (AC adapter, RA)
- AC cable (depending on areas and models)



Supported devices

Wide range of POS peripherals including cash drawers, handheld scanners, scales, 2x20 customer displays, magnetic stripe readers and more.

Options

- Wireless LAN set (OT-WL01) component parts: Wireless LAN unit, extension cable, affixing tape, user's manual
- Customer display (DM-D110) (USB I/F)
- Printer affixing tape (DF-10)
- Optional external buzzer (OT-BZ20)

