Epson OmniLink TM-T88V-i

Intelligent Printer

The OmniLink™ TM-T88V-i intelligent printer is ideal for retailers looking for a flexible, mobile POS system. It supports web-based printing from virtually any mobile device, cloud-based services and interactive kiosk displays.

Integrated intelligence and performance
Epson’s OmniLink 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, cloud-based services and the power to drive web-based POS and information display applications. It provides the application power and flexibility to run a broad range of POS configurations.

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

Add value with cloud services
Retailers are looking at new ways to deliver value-added services to improve customer loyalty and drive sales. Epson’s OmniLink TM-T88V-i helps deliver personalized customer experiences by enabling cloud-based services such as data analytics, loyalty, coupons, rewards and digital receipts, with no changes to POS applications.

Powers kiosks and KDS
The OmniLink TM-T88V-i includes a powerful, retail-hardened PC with VGA video output to drive kiosk displays and kitchen display systems. With Ethernet and optional Wireless-N cards for internet connectivity and ports to connect up to 4 USB peripherals, OmniLink offers a reliable, solid-state PC-less kiosk solution with no fans, hard drives or moving parts. It can also drive multiple slave printers for kitchen order processing and more.

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
Epson’s OmniLink TM-T88V-i is backed by our industry-leading service and support programs and includes a four-year limited warranty on the printer and two-year limited warranty on the PC.

- Printer with retail-hardened PC
- Ethernet, optional Wireless-N connectivity
- Supports web-based printing from virtually any mobile device
- Add cloud services without need for legacy POS integration
- 4 USB ports for peripherals and video output
- Print speeds up to 300mm/sec
- Print option features reduce paper usage up to 30%
All the features you need

- Printer with retail-hardened PC
- Ethernet, optional Wireless-N connectivity
- Supports web-based printing from virtually any mobile device
- Cloud services without need for POS legacy integration
- 4 USB ports for peripherals and video output
- Printer print speeds up to 300mm/second
- Print options available that reduce paper usage up to 30%

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

Interface  Ethernet interface (100 Base-TX / 10 Base-T), USB 2.0 Type A (4x), USB 2.0 Micro-AB, VGA x 1 (D-sub 15pin female)
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  7.68" x 5.71" x 5.83" (195 x 148 x 145 mm)
Mass  3.5 lb (1.6 kg)
Color  Epson Dark Gray (EDG), Epson Cool White (ECW)
Factory options  Autocutter, Near-end sensor
Printer software  Drivers and setup utility are available on CD or at pos.epson.com
EMI standards  FCC/ICES-003 Class A
Safety standards  UL1950/CSA C22.2 No. 950
Warranty  4-year limited warranty for printer; 2-year limited warranty for PC

Retail-hardened PC

Processor  Intel® Atom™ ARM9 Processor (400MHz)
System memory  256MB
Operating system  Embedded Linux
Interfaces  USB 2.0 x 4, 100 Base-TX / 10 Base-T Ethernet-compliant interface, VGA x 1 (D-sub 15pin female)

Intelligent software

Software  WebPOS Configuration, ePOS-Device®
Simple web server function  HTTP server (Apache)