EPSON®
EXCEED YOUR VISION

OmniLink® TM-T88V-i
Intelligent Printer

An intelligent top-load printer for mobile POS, cloud services and peripherals.

Industry-leading top-load POS printer with retail-hardened PC — open-platform mobility for mobile POS deployments, cloud-based services, online ordering and more

Peripheral support — 4 USB ports and 1 Serial port or VGA for connecting up to 5 devices; easy control of peripherals through ePOS™ device control

Compatible — supports handheld scanners, scales, 2" x 20" customer displays, wedge magnetic stripe readers and more

Versatile — Ethernet and optional wireless; supports Web-based printing from virtually any smartphone and tablet

Easy implementation — adds cloud services without the need for legacy POS integration

Fast — prints up to 300 mm/sec, supports a 3" media width

Paper-saving options — reduce your paper usage by up to 30 percent

Comprehensive service and support — dedicated technical resource team and customized solutions; 3-year limited warranty

Printing

Print Method Thermal line printing

Print Speed 11.8"/sec (300 mm) max. for graphics and text, 2.4"/sec for ladder and 2D barcodes

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

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

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

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

Media Handling

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

Thickness 55 – 80 µm

Retail-hardened PC

Processor Intel® Atom™ ARM9 Processor (400 MHz)

System Memory 256MB

Operating System Embedded Linux®

Interface
USB 2.0 x 4
100 Base-TX / 10 Base-T
Ethernet-compliant interface
VGA x 1 (D-sub 15-pin female)

General

Interfaces
Ethernet interface (100 Base-TX / 10 Base-T)
USB 2.0 Type A (4x)
USB 2.0 Micro-AB
VGA x 1 (D-sub 15-pin female)

Reliability
MTBF: 360,000 hours
MCBF: 70,000,000 lines
Auto Cutter: 2 million cuts

Data Buffer
Receive: 45 bytes or 4KB, selectable
User-defined: 12KB
Macro: 2KB
NV graphics: 256KB
NV user: 1KB
Page mode area: 106K

D.K.D. Function 2 drivers

Power Consumption Approx. 1.8 A (mean)

Power 24 Volts DC ± 7%

Options Auto cutter, Near-end sensor

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

Weight 3.5 lb (1.6 kg)

Color Epson Dark Gray (EDG), Epson Cool White (ECW)

Server Systems HTTP server (Apache)

On board Intelligence

Intelligent Software WebPOS Configuration, ePOS-Device Drivers and setup utility are available on CD or at pos.epson.com

Standards and Approvals
EMI standards: FCC/ICES-003 Class A
Safety standards: UL1950/CSA C22.2 No. 950

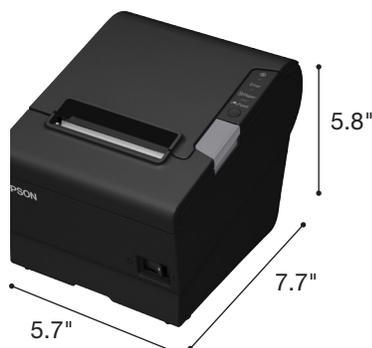**Warranty** 3-year limited warranty in the U.S. and Canada

What's in the Box

OmniLink TM-T88V-i printer, User manual (CD), Power switch cover, Paper roll, Adapter C with AC cord, Start Here poster

Eco Features

RoHS compliant
Recyclable product[1]
Epson America, Inc. is a SmartWay® Transport Partner[2]

Ordering Information

Omnilink TM-T88V-i   C31CA85790

5.8"
7.7"
5.7"

[1] For convenient and reasonable recycling options, visit www.epson.com/recycle | [2] 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™
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SmartWay Transport Partner
Getting There With Cleaner Air

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