

# Epson TM-L90 Plus

## Label and Receipt Printer



- Prints at a clear 203 x 203 dpi
- Print speeds up to 150mm/second
- Compatible with leading business label software applications using Windows® drivers
- Easy, drop-in paper loading of rolls up to 90mm (3.5") in diameter
- Dual interfaces standard including built-in USB plus one UIB interface
- One-year limited warranty

Epson's TM-L90 Plus thermal printer offers a high-quality, versatile solution for both label and receipt printing. It is ideal for retailers who want to accomplish multiple printing tasks using a single cost-effective printer.

### High-speed printing of labels and receipts

The TM-L90 Plus is ideal for a wide range of applications for retail, hospitality, QSR and pharmacy labeling. It features fast print speeds of up to 150mm per second in high-speed mode and prints at a clear 203 x 203 dpi. It easily handles a variety of print stock for labels, receipts and tickets and offers continuous printing on liner labels. Cost-effective thermal labels are available in a variety of sizes.

### Ready to use with label software

The TM-L90 Plus label printer is compatible with a wide range leading business label software applications using Windows drivers for a variety of vertical markets.

### Dual interfaces standard

In addition to its other advanced features, the TM-L90 Plus comes with dual interfaces for flexibility in handling interface transitions. These include a built-in USB and one additional interface including serial, parallel, Bluetooth, Ethernet or WiFi.

### Get the flexibility you need

You can install the TM-L90 Plus on a counter or wall using an optional wall-hanging bracket. It takes paper rolls up to 3.5 inches (90mm) in diameter to reduce paper changes, and its paper roll spacer lets you adjust paper width from 38mm to 70mm (1.50 to 2.75 inches). Barcodes can be printed either vertically or horizontally, including PDF417, MaxiCode and QRCode. And its flexible page mode gives you a variety of options for label and receipt layouts.

### Reliability you can count on

With an MCBF of 70 million lines and an autocutter life up to 2 million cuts, you can count on the TM-L90 Plus for reliable printing day after day. Its straight paper path means less time wasted on paper jams and drop-in paper loading makes paper replacement easy.

### Backed by the leader

The TM-L90 Plus is designed and built with the high quality and reliability that Epson is known for. And it is backed by Epson's industry-leading service and support programs.

# Compact Thermal Label and Receipt Printer with Dual Interfaces

## All the features you need

- Prints at a clear 203 x 203 dpi
- Print speeds up to 150mm/second
- Compatible with leading business label software applications using Windows® drivers
- Dual interfaces standard including built-in USB plus one UIB interface
- Easy, drop-in paper loading of rolls up to 90mm (3.5") in diameter
- Cost-effective labels available
- One-year limited warranty

## Printer

Print method	Thermal line printing
Print resolution	203 x 203 dpi
Print speed	150mm/sec, 5.9"/sec high-speed mode; 120mm/sec, 4.7"/sec normal mode
Print font	
Fonts	9 x 17 / 12 x 24
Column capacity	64/48/72 (columns)
Character size	1.13 x 2.13 / 1.5 x 3.0 / 1.0 x 2.0 (W x H mm)
Character set	95 Alphanumeric, 37 International, International 18sets, 128x47 graphics, 128 x 11 Graphic Traditional/Simple Chinese, Thai, Japanese
Barcode	UPC-A, UPC-E, JAN8 (EAN), Jan13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417, MAXICODE, QR CODE
Characters per inch	22.6 cpi (9 x 17 font)/16.9 cpi (12 x 24 font)
Paper width	38mm (1.50"), 60mm (2.76"), 80mm (3.14")
Paper diameter	90mm (3.5") maximum
Reliability	
MTBF	360,000 hours
MCBF	70,000,000 lines
Autocutter	2 million cuts receipts, 1 million cuts labels

## General information

Interface	Built-in USB interface + another selection: serial RS-232C, parallel IEEE-1284, high-speed USB, pow- ered USB, Ethernet 10/100Base-T/TX, Bluetooth, WiFi (only one interface can be used at a time)
Data buffer	4K or 45 bytes
Power	24 VDC $\pm$ 7%
Power consumption	Approx. 1.8A (mean)
D.K.D. function	2 drivers
Overall dimensions	5.5" x 5.8" x 8.0" (140 x 148 x 203 mm) (W x D x H)
Weight	Approx. 4.18 lb (1.9 kg)
Color	Epson Dark Gray (EDG)
Factory options	PS-180 AC adaptor, paper roll spacer, wall-hanging bracket WH-10
EMI standards	VCCI class A, FCC class A, CE marking, Canada EMI, AS/NZS 3548, AS/NZS CISPR22 Class A
Safety standards	UL, CSA, TÜV (EN60950)
Environmental standards	WEEE, RoHS compliant
Operating systems	Windows 2000/XP/Vista/7/8, Windows Embedded POS Ready 7/2009, Windows Server 2008/2012

## What's in the box

TM-L90 Plus  
Thermal roll paper (starter roll for operation check)  
User guide  
Power supply with AC cable



## Ordering information\*

Product	Color	Model Number
Ethernet	EDG	C31C412A8271
Serial	EDG	C31C412416

\*Contact your Epson Representative for additional models, interfaces and colors.



03/2014  
SD-DSL90PLUS-A



UnifiedPOS



RoHS

JAVAPOS™

Epson America, Inc. • 3840 Kilroy Airport Way • Long Beach, CA 90806 • (562) 290-5304  
©2014 Epson America, Inc. Epson is a registered trademark and Epson Exceed Your Vision is a registered logo-  
mark of Seiko Epson Corporation. All other trademarks are the property of their respective owners. Specifications  
are subject to change without notice.

**EPSON®**  
EXCEED YOUR VISION

[pos.epson.com](http://pos.epson.com)

## Our Mission

Our business is about helping companies and organizations become more productive by enabling them to conduct their business "anytime, anywhere." We leverage our experience in data collection, mobile computing, security and wireless broadband to create innovative solutions for customers, manufacturers and carriers alike.

## Our E-Commerce Websites

### AutoIDSavings.com

- Barcode Scanners
- Barcode Printers
- Hand Held Computers
- Vehicle Mount Computers
- Barcode Verifiers
- RFID Readers / RFID Media
- RFID Printers
- Wireless Networks
- Software

### IDCardPrinterSavings.com

- ID Card Printers
- ID Card Stock
- Ribbons/Printheads
- Access Control
- Cleaning Supplies
- Badge Supplies
- Maintenance Contracts

### POSSavings.com

- Barcode Scanners
- POS Systems
- Cash Drawers
- Monitors
- Customer Displays
- Payment Terminals
- Merchant Service
- Receipt Printers
- Scales/Scanners
- Check Readers
- Keyboards

### MobilitySavings.com

- Cellular Routers
- Cellular Gateways
- Amplifiers/Antennas
- Hand Held Computers
- Mobile Printers
- Cameras
- Satellite Phones

### PrinterSavings.com

- ID Card Printers
- Barcode Label Printers
- Mobile Printers
- Receipt Printers
- Barcode Label Design Software
- Media
- Printheads

