EPSON®
EXCEED YOUR VISION

OmniLink® TM-L90 Plus-i LFC

Kitchen Display System Controller

Receipt/Kitchen Printer

POS

The efficient KDS controller with built-in liner-free label printer.

KDS controller with built-in liner-free label printer — improves kitchen workflow accuracy, ideal for online, delivery and to-go orders

Liner free — uses Epson-tested[1], liner-free media; verified compatibility

Two solutions in one device — simplified infrastructure; enables QSRs to have a dedicated label printer station

Seamless integration within your existing QSR workflow — POS agnostic; compatible with traditional and tablet POS systems; no software modifications needed

Easy to use — designed for QSRs; focused KDS feature set

Simple installation and configuration — intuitive configuration utility with simple graphical interface

Saves space in your restaurant — Direct-Connect setup; has a footprint up to 50 percent smaller than standalone KDS controllers and liner-free label printers

The reliable KDS controller that grows with your business — add up to nine stations via expansion modules connected to the controller network

Uninterrupted service — Multi-Station setup automatically reroutes orders to other stations if a display malfunctions; serves as backup chit printer

Backed by world-class service and support — from both our Advanced Product Support team and Regional Technical Support Center

EPSON®
EXCEED YOUR VISION

OmniLink® TM-L90 Plus-i LFC
Kitchen Display System Controller

Printer

Print Method Thermal line printing
Print Speed 170 mm/sec (thermal receipt); 90 mm/sec (label media)
Print Resolution 203 x 203 dpi
Print Font Font (A/B)
40 mm: 12 x 24, 7 x 17 / 9 x 17, 7 x 17
58 mm: 13 x 24, 10 x 17 / 10 x 17, 7 x 17
80 mm: TM-T88 compatible mode 13 x 24 / 10 x 17; TM-L90 compatible mode 12 x 24 / 9 x 17
Column Capacity 64/48 columns
Character Size 1.13 x 2.13 / 1.5 x 3.0 / 1.0 x 2.0 mm (W x H)
Character Set 95 Alphanumeric, 37 International, 128 x 11 Graphic
Barcode UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417, MAXICODE, QR Code
Reliability
MTBF: 180,000 hours
Autocutter: 2 million cuts (receipts), 1 million cuts (labels)

Media

Paper Width 40 mm, 58 mm, 80 mm
Paper Diameter 4" (102 mm)
Media Thickness 2 mil to 8 mil, depending on media type

General Information

Interface Ethernet (100Base-TX/10Base-T), USB and VGA connectivity
Data Buffer 4K or 45 bytes
Power 24 VDC±7%
Power Consumption Approx. 30 W
D.K.D. Function 2 drawers
Color Epson Dark Gray
Factory Options PS-180 AC adapter, paper roll spacers, wall-hanging bracket WH-10
Environmental Standards WEEE, RoHS compliant
EMI Standards VCCI class A, FCC/ICES-003 Class A, CE marking, Canada EMI, AS/NZS CISPR22 Class A
Safety Standards UL, CSA, TÜV (EN60950)
Warranty 1-year limited warranty
Overall Dimensions (W x D x H)
5.5" x 7.9" x 5.8" (140 x 148 x 203 mm)
Weight Approx. 4.4 lb (2.0 kg)

Intelligent Module and Software

Processor ATMEL
System Memory 256MB
Flash Memory 256MB (NAND)
Operating System Embedded Linux
Web Server Apache HTTP Server
Internal Battery Life 5 years (Internal calendar and clock)
Interfaces USB 2.0 (2x Device, 1x Host), Ethernet (1x RJ45), VGA (1x D-sub15 Fem), memory slot (1x microSD)
Software and Utilities ePOS™ Device, Server Direct Print, TMNet WebConfig, Easy Setup, ePOS SDK

What's in the Box

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

Ordering Information*

Direct Connect	C31C412A7481
Also Available:	
Multi-Station (Dual)	C31C412A7471
Multi-Station (3 Station)	C31C412A7461
Multi-Station (4 Station)	C31C412A7451
KDS Extension Box KD-IB01	C32C8240701

Epson-tested Media

For information about Epson Tested Media, visit www.epson.com/lfctestedmedia

*Contact your Epson representative for additional models.

5.8"
7.9"
5.5"

See the latest innovations from Epson Business Solutions at **www.epson.com/forbusiness**

Better Products for a Better Future™
eco.epson.com

SmartWay®
Transport Partner
Getting There With Cleaner Air

Epson America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

Contact: