

# L501 Industrial Color Label Printer

## With Duo Ink Technology

The L501 is the first label printer with Duo Ink Technology, designed to print with both pigment and dye inks. This dual-ink feature allows for a quick transition from dye-based vibrant and colorful prime labels, to ultra-durable pigment-based label applications with a simple printhead swap.

Enjoy the durability of pigment and the vibrancy of dye inks in the same printer. **The L501's ink interchangeability offers a level of versatility no other printer in its class can offer.**

### Key Features

- ✓ Print vibrant and colorful prime labels with dye-based inks
- ✓ Use pigment inks for exceptional water, abrasion, and UV resistance
- ✓ Eliminate issues and minimize costs of outsourced and sheet-fed labels
- ✓ Flexibility to change label designs and content on the fly
- ✓ Minimize waste by printing only the labels you need, on demand
- ✓ Best for short- to mid-sized print runs



### Wide range of media compatibility

Choose the label stock that creates the best look results for your application

### Duo Ink Capability

Easily switch between pigment and dye-based inks for unrivaled versatility

### Proven HP® print technology

Creates vivid, high-resolution text and images for eye-catching labels

### Easy-to-use front panel touchscreen

Makes setup and adjustments quick and painless



1.888.215.3966  
sales@afinialabel.com  
afinialabel.com



# L501 Specifications

## General:

<b>Print Technology:</b>	HP Thermal Inkjet
<b>Print Resolutions:</b>	Color: Up to 2400 x 1200 optimized dpi color; Black: Up to 1200 x 1200 optimized dpi
<b>Print Speed:</b>	Approximately 5.2 in/sec (13.2cm/sec) printing a 2.2 in (56 mm) wide image in plain paper normal mode
<b>Inks:</b>	Option of Dye or Pigment — Individual Cyan, Magenta, Yellow (26ml), Individual Black (78.4ml)
<b>Core Size</b>	3" (76.2mm)
<b>Media Types:</b>	Compatible with wide range of paper, polyester, polypropylene, and vinyl label stocks. Supports gap, black mark, and continuous media
<b>Media Sensing:</b>	Auto calibration and auto detection of gap and black marks
<b>Label Width:</b>	1.0" – 8.5" (25.4mm – 215.9mm)
<b>Label Length:</b>	0.75" – 48" (19mm – 1219.2mm)
<b>Media/Liner Width:</b>	1.5" - 8.65" (38.1mm – 219.7mm)
<b>Inter Label Gap Size:</b>	0.125" – 0.3" (3.175mm – 7.62mm)
<b>Black Mark Size:</b>	0.125" – 0.3"
<b>Label Thickness:</b>	0.004" – 0.01" (0.1mm – 0.3mm)
<b>Cutter:</b>	Powered cutter
<b>Unwinder:</b>	8.5" (152.4mm) max width, 8" (152.4mm) OD on a 3" core (76.2mm)
<b>Display:</b>	2" mono display with buttons
<b>Operating Systems:</b>	Windows 7, 8, and 10 (32 and 64 bit)
<b>Data Interface:</b>	USB 2.0 connection and 10/100 Base-Tx Ethernet
<b>Operating Temperature:</b>	59 – 90°F (15 – 32°C)
<b>Operating Humidity:</b>	20 – 80% RH
<b>Overall Dimension:</b>	22.5" x 21.5" x 8.75" (570.6mm x 540.2mm x 225.1mm)
<b>Weight:</b>	35lbs (15.9kg)
<b>Warranty:</b>	1 year



**Label Printing Solutions for Every Level of Production**  
**AfiniaLabel.com**



+1.888.215.3966  
sales@afinialabel.com  
afinialabel.com

**AFINIA LABEL®**