

PRODUCT DATASHEET

AIMO 6XL / 6XL PRO

4-Inch Desktop Thermal Label Maker

The AIMO 6XL / 6XL PRO is a versatile 4-inch desktop thermal label printer designed for quick and efficient label production. It comes with free Labelife software and supports USB and Bluetooth connectivity, producing warehouse labels, barcodes, ID labels, bulk mailing labels, and other large-format label types with ease. With wide media compatibility from 11 mm to 110 mm, quick paper loading, and support for the full range of original or compatible LW labels, the 6XL is the ideal solution for offices, warehouses, retail, and logistics environments.

KEY FEATURES

- ▶ High-speed printing at 127 mm/s for both 6XL and 6XL PRO models
- ▶ Optional 300 dpi high-resolution version (6XL PRO) for sharp, precise output
- ▶ Wide media support: 11 mm to 110 mm (0.43" to 4.65") label widths
- ▶ Max printing width of 108 mm (4.25") for large-format labels
- ▶ Quick and easy paper loading design
- ▶ Free Labelife label editing software included
- ▶ Multiple connectivity: USB, Bluetooth, Ethernet (6XL PRO)
- ▶ Auto label detection — automatically identifies label size and type
- ▶ Compatible with LabelWriter® and full range of compatible LW labels
- ▶ TSPL command set for seamless system integration

TECHNICAL SPECIFICATIONS

SPECIFICATION	AIMO 6XL	AIMO 6XL PRO
Printing Method	Direct Thermal	
Printing Resolution	203 dpi	300 dpi
Max Printing Speed	127 mm/s	127 mm/s
Media Width	11 ~ 110 mm (0.43" ~ 4.65")	
Max Printing Width	108 mm (4.25")	
Max Paper Size	110 mm × Ø127 mm	
Label Length	20 ~ 300 mm (0.78" ~ 39")	
Media Type	LabelWriter® and compatible LW labels	
Media Thickness	0.06 ~ 0.15 mm	
Media Core Diameter	26 mm (Ø1")	
Product Dimensions	175 × 218 × 157 mm (L × W × H)	
Net Weight	1.154 kg	
Sensors	Fixed reflective and transmissive sensors	
Command Set	TSPL	

CONNECTIVITY & INTERFACE

PARAMETER	6XL	6XL PRO
Interface	USB Bluetooth	USB Bluetooth Ethernet
Power Supply	AC 100–240V, 2.5A, 50–60Hz (External universal switching)	
Controls	Status indicator, Feed button (auto identify / pause / resume), Power switch	

BARCODE SUPPORT

TYPE	SUPPORTED FORMATS
1D Barcodes	Code 39, Code 93, Code 128, Code 128M, EAN-8, EAN-13, UPC-A, UPC-E
2D Barcodes	QR Code

SYSTEM COMPATIBILITY

PLATFORM	SUPPORTED VERSIONS
Mobile – iOS	iOS 11.0 and above
Mobile – Android	Android 5.0 and above
Windows	Windows XP, 7, 8, 10, 11
macOS	macOS 10.14 and above
Windows ARM	Windows Surface with ARM CPU
Chrome OS	Chromebook
Linux	Raspberry Pi, CentOS 7.0 (x64), Ubuntu 12.04 (x86/x64)

ENVIRONMENTAL CONDITIONS

CONDITION	OPERATING	STORAGE
Temperature	5°C ~ 50°C	-20°C ~ 70°C
Humidity	20% ~ 85% (non-condensing)	5% ~ 95% (non-condensing)

PACKAGE CONTENTS

- ▶ AIMO 6XL / 6XL PRO Printer Unit
- ▶ Testing labels (36 mm × 89 mm × 30 sheets)
- ▶ Power adapter
- ▶ Power cord
- ▶ USB cable
- ▶ Label stopper
- ▶ Quick Start Guide

CERTIFICATIONS

FCC | CCC | CE | RoHS | IC

APPLICATIONS

Shipping labels • Warehouse labels • Barcodes • ID labels • Bulk mailing labels • Price tags • Product identification • Inventory management • Address labels • Retail • Office organization

AIMO — Zhuhai Elmer Technology Co., Ltd.

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