



**GDA**  
GET DO ALL



# Product Guide

**GDA ZY-4600 | Professional Thermal Label Printer**

**High-Performance Shipping & Barcode Solution**



### **Product Overview**

The GDA ZY-4600 is a premium direct thermal printer engineered for high-volume shipping and professional labeling. Optimized for major platforms like Amazon, eBay, and Shopify, it delivers crisp, high-speed printing without the need for ink or toner. Its compact design and versatile connectivity make it the ideal choice for modern e-commerce and logistics workflows.

### **Key Features**

**Ink-Free Technology:** Advanced direct thermal printing saves costs on ribbons and cartridges.

**High-Speed Output:** Prints up to 152 mm/s, ensuring rapid fulfillment of large shipping batches.

**Wide Media Support:** Accommodates labels from 26mm to 118mm (4.65"), perfect for standard 4x6 waybills.

**Intelligent Detection:** Features gap and black mark sensors for precise label alignment every time.

**Dual Loading Options:** Supports both internal paper rolls and external fan-fold feeding for maximum flexibility.

## **Technical Specifications**

Parameter	Details
Print Method	Direct Thermal
Resolution	203 DPI (8 dots/mm)
Max. Print Speed	152 mm (6") / s
Max. Print Width	108 mm (4.25")
Media Width	26 mm ~ 118 mm
Interface	USB / USB + Bluetooth (Optional)
Memory	8MB Flash / 8MB SDRAM
Sensors	Gap sensor, Cover opening sensor, Black mark sensor
Print Head Life	50 KM
Compatibility	Windows, Android, iOS, Linux, MacOS
Command Sets	TSPL, EPL, ZPL, DPL (USB/Power)



## **Physical & Environmental**

Dimensions: Approximately 215mm (L) x 178mm (W) x 155mm (H).

Weight: ~1.31 kg (Net).

Power Input: AC 110-240V; Output: DC 24V 2.5A.

Operating Temp: 5°C to 45°C.

## **Applications**

Logistics: Waybills and shipping labels (UPS, DHL, FedEx).

Retail: Price tags, shelf labels, and inventory management.

Healthcare: Patient IDs and laboratory specimen labeling.

printer will automatically detect the label size.