



The AMBIR LP230 Thermal Printer delivers dependable performance designed to improve patient safety and experience across healthcare environments. This compact, versatile printer serves essential functions in acute and non-acute settings, from admissions and emergency departments to nursing stations and beyond. Built for durability, the LP230 is engineered to provide years of reliable service in demanding healthcare environments.

Cost-Effective Direct Thermal Technology

The LP230 operates as a direct thermal printer, eliminating ongoing costs for cartridges, ink, or toner. Instead, the print head applies precise heat to thermal paper, causing it to change color and produce crisp black output. This streamlined approach means your only recurring expense is the thermal paper itself, making it an economical choice for high-volume printing needs.

Precision Performance Specifications

Engineered for accuracy, the LP230 prints at 300 DPI resolution with support for media up to 2.12" wide and lengths ranging from 0.39" to 35". This high resolution ensures precise, durable patient ID wristbands with every print, allowing healthcare staff to focus more attention on patient care rather than equipment concerns.

The printer operates at 6 inches per second, delivering efficient throughput for busy healthcare environments. Advanced sensor technology includes a moveable black mark sensor that detects marks or notches anywhere on the media backing—not just center-positioned marks—plus a fixed gap sensor that accurately determines label boundaries for consistent positioning.

AMBIR LP230

2" Direct Thermal Wristband and Label Printer for Healthcare

Sku # LP230-NE
MSRP: \$299.95



INCLUDES LIMITED PART & LABOR
COVERAGE WITH COMPREHENSIVE
U.S.-BASED PHONE & CHAT SUPPORT



User-Friendly Operation and Maintenance

Loading and unloading different media types is straightforward, with support for continuous, black mark, fan-fold, perforated, 3-part labels, and wristbands. The printer requires no proprietary consumables, giving you flexibility in media selection while controlling costs.

Elevating Healthcare Standards

With AMBIR label printers, healthcare facilities can depend on consistent, reliable performance that enhances identification accuracy and elevates the standard of care throughout hospitals and medical facilities. The LP230 represents a smart investment in both patient safety and operational efficiency.

Versatile Connectivity and Compatibility

The LP230 supports multiple programming languages including TSPL, ZPL, EPL, and DPL, ensuring broad compatibility with existing healthcare systems. Connection options include both USB and network interfaces, with network scanning capabilities that work seamlessly with thousands of applications via Windows Driver. Note that Wi-Fi connectivity is not available on this model.

Healthcare Applications

The LP230 excels in numerous healthcare-specific applications, including:

- Patient wristband printing for accurate identification
- Specimen collection labeling
- Prescription labeling
- Asset management and tracking

Specifications

Printing Method

Direct Thermal

Resolution

300 dpi

Interface

USB 2.0 (Standard)

Max Print Speed

152 mm (6")/s

Max Print Width

54 mm (2.12")

Max Print Length

1778 mm (70")

Dimensions (W x D x H)

131x 220 x 170 mm (5.16" x 8.66" x 6.69")

Weight

1.31 kg (2.88 lbs)

OS Supported

Windows 10 / 11

Safety Standard

FCC, CE, CB, CCC

Printer Head

Opened Sensor, Black Mark Sensor

Processor

32-bit RISC CPU

Sensor

Fixed Gap Sensor, Moveable Black Mark Sensor

Memory

8 MB Flash Memory / 8 MB SDRAM

Emulation

TSPL \ EPL \ ZPL \ DPL

Media Type

Continuous, Gap, Black Mark, Fan-fold and Perforated

Media Media Width

25.4 mm ~ 60 mm (1" - 2.3")

Media Thickness

0.06 mm ~ 0.25 mm (0.002" - 0.01")

Media Length

10 mm ~ 889 mm (0.39" - 35")

Paper Roll Diameter

25.4 ~ 101.6 mm (1" ~ 4")

Paper Thickness

0.06 mm ~ 0.25 mm (0.002" x 0.01")

Label Roll Capacity

127 mm (5") external diameter

Power Supply

Input: AC 100-240V; Output: DC 24V/2.5A

1D Barcode – Code 39, Code 93, Code 128UCC, Code 128, subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 DataBar, Code11

2D Barcode – PDF-417, Maxicode, DataMatrix, QR code, Aztec

Warranty – 2 Year Coverage

Network Connection – Ethernet 10/100