

Avery Dennison® Pathfinder® Edge™



Streamline Labeling Workflows with Speed, Precision, and Seamless Integration

The Pathfinder® Edge™ is the next generation **unified scan-print-apply labeling device** designed to accelerate your operations with up to **50% faster print speeds***, **up to 25% more battery capacity***, and a **user-centric design**.

Whether you're streamlining supply chain logistics, enhancing workflows in fast-paced environments, or driving growth in retail, the Pathfinder Edge elevates your operations with seamless integration, advanced connectivity, and uninterrupted workflows.

Streamline logistics operations:

- Maintain high throughput and ensure precise labeling accuracy with advanced, dependable technology built to handle the demands of dynamic and fast-paced workflows. Use it for:
 - Routing
 - Package or palette labeling
 - Customs clearance

Optimize apparel and general retail operations:

- Enhance inventory management with a unified device that is faster than the traditional 2-piece or manual methods, while saving time and costs through accurate tagging, reticketing, and returns processing. Use it for
 - Price marking
 - Markdowns
 - Markups
 - Exception tagging
 - Inventory management and better data integrity

Additionally for food and grocery retail operations, enable:

- Price labeling
- In-store best before date application



The Next Generation **Unified** **Scan-Print-Apply** **Labeling Device** Designed To Accelerate Your Operations

Pathfinder Edge as a unified scan-print-apply device:

- Combines scanning, data lookup, and label application into a single, integrated device.
- Powered by the Android 15 operating system, ensuring enhanced security, flexibility, user acceptance, and self-diagnostic capabilities.
- Provides robust inventory management and routing features, allowing operators to quickly and accurately scan goods to capture data and instantly print and apply labels for efficient cross-docking or warehouse routing.
- Features an all-in-one 'unified' design, enabling one-handed operation. This leaves the operator's other hand free to handle items or tags, minimizing the risk of price-marking inaccuracies and significantly increasing operational speed.

Key features of Pathfinder Edge include:

- **Unparalleled Printing Speeds:** Delivers up to 50% faster print speeds for peak performance.
- **Quick-Scan Trigger:** Enables seamless and efficient scanning operations.
- **User-Centric Ergonomic Design:** Reduces fatigue with balanced, ergonomic weight distribution.
- **Extended Battery Life and Uptime:** Prints significantly more labels per charge with 25% more battery.
- **Advanced Connectivity:** Instant pairing with NFC, Wi-Fi, and Bluetooth® integration.
- **Intuitive Touchscreen Interface:** LCD capacitive touch screen enables quick operations and troubleshooting.
- **Predictive Monitoring:** Proactive issue management with remote diagnostics and OTA (Over The Air) updates.
- **Safety "Smart Battery" Features:** Overload protection with automatic battery disablement for a safer workspace.
- **Effortless Data Integration:** Streamlines processes and enhances inventory accuracy and transparency.

When compared to previous Pathfinder devices, these enhanced capabilities result in:

- Up to 50% faster printing speeds
- Faster roll change*
- Over 25% more battery, capable of printing significantly more labels on a single charge.*

When compared to other traditional methods, Pathfinder Edge as a unified one-piece device is faster, more accurate and efficient than a 2-piece device or manual tagging system.

* Testing conducted by Avery Dennison in 2026 against prior AVY Pathfinder generations. Performance and battery life varies by use, configuration and other factors.

Pathfinder Edge Specifications

Operating System	Android 15	Supply Thickness	Labels: 6 mils (0.15mm) Labels (RFID): 9 mils (0.23 mm) Receipt Paper: 2.8 mils (0.07 mm) Maximum Print Area: 1.89" x 7.94" (48 mm x 201.7 mm)
Dimensions	Height: 12.43" Width: 3.45" Depth: 6.97" Weight: 2.2lbs device with battery Shipping weight: Printer only : N.W. 1.63 lbs / G.W. 2.41lbs Printer + two battery + cradle + 2 power core : N.W. 4.89lbs / G.W. 9.11 lbs	Sensing	Black mark only
Printing Method	Thermal Direct	Environmental ranges	
Scanner	Integrated 2 Dimensional scanner	Operating Temperature	41F to 104F (5 to 40C)
Keypad/Display	Virtual keyboard on display, off/on, trigger, LCD with capacitive touchscreen.	Storage	-4 to 122 F (-20 to 50 C)
Memory	6GB LPDDR5 RAM 64GB eMMC NAND Flash	Humidity/Operating and Storage	40% to 90% non-condensing
Communications	Bluetooth BLE, Wifi 6e, NFC	Electrostatic Discharge and Air Quality	Some issues with electronic equipment may occur in environments prone to static discharge or extreme dust conditions. Avery Dennison suggests that you take precautions to minimize these issues.
Barcode Types	1D barcode Code 39, Code 93, Code128UCC, Code128 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, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS 2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode	Other features	
Standard Fonts	Roboto-Regular.TTF Roboto-Bold.TTF ROMAN.TTF	Power Source	8.4V Lithium Ion battery pack
RFID Frequency Range	860MHz ~ 930MHz	Average scan / Lookup / Print	500ms or less
Supplies	The printer supports butt cut, die cut and continuous supplies.	Paper Speed	Up to 6 IPS
Supply Types	Labels, tags and receipt paper	Print Ratio	30% black maximum per square inch
Supply Sizes	Width: 1.2" up to 2.0" (28 mm to 51 mm) Length: 0.55" to 8.0" (14 mm to 203 mm) Supply Roll Lengths: 420" to 580" (10.7 to 14.7 meters) Custom lengths are available Minimum to apply length is: 0.785" (19mm)	Battery Cycle Life	Approximately 500 full discharge cycles. Many factors affect individual battery performance.
		Battery recharge time	< 2 hours
		Accessories	Battery Pack*2ea Cradle Charger*1ea USB A to C cable*1ea
		Avery Dennison® Service and Support	Our technical specialists and service representatives can provide installation support, training and operating recommendations. For more information call: 800.543.6650, option 7.

Our innovative products enable enhanced inventory visibility, ensuring the most efficient omni-channel fulfillment process, reducing labor costs, increase retail margins, reduce waste, and enhance consumer experience throughout the supply chain.

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