

**Avery Dennison**  
Identification Solutions

**Monarch**  
Intelligent Logistics Solutions

# Avery Dennison<sup>®</sup> Monarch<sup>®</sup> 9486 Printer Solution



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Improve logistical efficiency through enhanced productivity. The Avery Dennison® Monarch® 9486 printer was designed with portability, efficiency, and accuracy in mind to enhance the productivity of logistics applications. It is a low cost but rugged device - ideal for today's warehouse floor.



# Avery Dennison® Monarch® 9486 Printer Solution

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## Compatibility

The 9486 is compatible with virtually all data collection terminals and market-leading programming languages and an ideal solution for printing labels at the point of use or point of activity for numerous applications including:

- Cross-docking
- Receiving
- Routing
- Quality assurance/inspection.

## Mobile Productivity

This compact portable printer is designed to be worn for everyday use without fatiguing your employees.

- Simultaneously connects both Bluetooth and WLAN
- Compatible with all major operating systems including Android™, iOS™ and Windows®
- Supports Easy Bluetooth Pairing™ via embedded NFC tag enabling auto pairing
- SoftAP - Simple Wi-Fi set up to a mobile device
- Smart Connection™ mobile app
  - Easy switching from SoftAP to Infrastructure mode

## Accelerated Item Marking

Fast data processing and printing speed up to 5 ips (127 mm/sec).

## Design optimized for Logistics use

- Compact, ergonomic and light-weight
- 7 ft./ 2.1 m drop rate
- Printer is water and dust proof
- Various accessories and connectivity ports
- Easy to set up the printer status by LCD and control button
- Visual battery status
- Embedded peeler



# Specifications

## Printer Specifications

### Print Method

Direct Thermal

### Print Speed

Up to 5 ips (127 mm/sec)  
12.5% pattern

### Print Resolution

203 dpi

### Print Width

Up to 2.83" (72 mm)

### Sensing

Paper End  
Gap  
Black Mark  
Paper Cover Open  
Label Presence

## Media Characteristics

### Supply Types

Labels and receipt paper

### Supply Width

0.98" to 3.15" (25 mm to 80 mm)

### Supply Roll Diameter

Up to 2.6" (66 mm)

### Supply Thickness

2.8 mils to 6 mils (0.07 mm to 0.15 mm)

### Supply Inner Core

Standard: 0.75" (19 mm)  
Optional: 0.5" (12 mm)

### Supply Method

Easy Paper Loading

## Physical Characteristics

### Dimensions

Width: 4.67" (119 mm)  
Depth: 6.26" (159 mm)  
Height: 3.12" (79 mm)

### Weight

Including battery: 1.53 lbs (0.69 kg)

### Electrical

7.3 V Li-ion, 2600 mAh,  
Rechargeable Charging time: Up to 2.5 hrs  
EnergyStar Certified

## Peeler

Supported

## Display

FSTN LCD (200 x 100 pixels)

## Performance Characteristics

### Memory

128 MB SDRAM  
256 MB Flash

### Communications

USB 2.0 HS port + Serial  
Bluetooth V4.1 Classic & LE  
WLAN 802.11 a/b/g/n

## Environment Characteristics

### Temperature

Operating: 5 - 122°F (-15 - 50°C)  
Storage: -22 - 158°F (-30 - 70°C)

### Humidity

Operating: 10 - 80% RH

### Sealing

IP54

### Drop Rate

7 ft. (2.1 m)

## Software

### Printer Control Languages

MPCL, ZPL, CPCL, PPP

### Driver / Utility

Windows Driver (Europlus / Seagull), Linux / Mac  
CUPS Driver, Virtual COM USB Driver, Utility  
Program, LabelArtist-II™, Bartender UL, OPOS /  
JPOS Driver

### SDK / Plugin

Android / iOS / Windows SDK, Linux SDK,  
Chrome SDK, Xamarin SDK, Cordova Plugin

### Application

Label Artist™ Mobile (Android, iOS),  
mPrint App (iOS), mPrint Server (Windows, iOS)

### MDM

BIXOLON Profile Manager  
- XPM™, XCM™ (Windows, Android)

## Fonts / Graphics / Barcode Types

### Fonts

10 SLCS / One SLCS / 16 BPL-Z™ /  
One BPL-Z™ / 7 BPL-C™ / 23 Code Page /  
Unicode supported (UTF-8, UTF-16LE, UTF-  
16BE)

### Graphics

Supporting user-defined fonts, graphics,  
formats, layouts, and logos

### Barcode Types

1D: Codabar, Code 11, Code 39, Code 93, Code  
128, EAN-13, EAN-8, Industrial 2-of-5,  
Interleaved 2-of-5, Logmars, MSI, Plessey,  
Postnet, GS1 DataBar (RSS-14),  
Standard 2-of-5, UPC / EAN extensions,  
UPC-A, UPC-E, IMB  
2D: Aztec, Codablock, Code 49, Data Matrix,  
MaxiCode, MicroPDF417, PDF417,  
QR code, TLC 39

## Accessories

### Standard Accessories

- Belt Strap
- Battery Pack
- Power Cord
- 0.5" (12mm) Core Adapter

### Optional Accessories

- Shoulder Strap
- Single Battery Charger
- Quad Battery Charger

## 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 Monarch® intelligent logistics solutions enable enhanced inventory visibility ensuring the most efficient omni-channel fulfillment process, reducing labor costs and driving velocity to create a positive consumer experience.

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