

Inventory Accuracy, Visibility and Loss Prevention

Avery Dennison® Monarch® Tabletop Printer 1



Retail Branding and
Information Solutions

STANDARD FEATURES

DIMENSIONS

Height: 13.8" (351mm)
Width: 11.5" (292mm)
Depth: 21.5" (546mm)

WEIGHT

32 lbs (14.5kg)

SHIPPING WEIGHT

37 lbs (16.8kg)

PRINTING METHOD

Thermal Direct or Thermal Transfer

BAR CODES

One-dimensional—UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN128 Interleaved 2 of 5, Extended Code 39, Codabar (NW7), Code 128, Code 16K, Code 93, MSI, Postnet, Intelligent Mail, GS1 Databar

Two-dimensional—PDF417, MaxiCode, Data Matrix (ECC-200), Quick Response (QR) Code, Aztec

STANDARD FONTS

Bitmap—Standard, Reduced, Bold, OCRA-like, CG Triumvirate, and CG Triumvirate Bold TrueType®—EFF Swiss Bold, Supports downloaded double-byte TrueType and bitmap fonts, allowing for international character sets

FONT MAGNIFICATION

1x to 7x
4 to 250 pt. for scalable/TrueType™ fonts

MEDIA SENSING METHOD

Edge: Die Cut, Black Mark, Aperture, Attacher Hole
Center: Die Cut, Black Mark, Attacher Hole

KEYPAD/DISPLAY

Five-button keypad control LCD Graphical Dot Matrix (128W x 64H dots). 2.54" (64.5mm) Wide x 1.46" (37.0 mm) High

PRINTER CONTROL LANGUAGE(S)

MPCL, MLI

PRINTER WARRANTY

One (1) year parts and labor. Full written warranty statement available on request.

PRINT HEAD WARRANTY

One (1) million inches or six (6) months, whichever occurs first.

SUPPLIES

Avery Dennison supplies are recommended.

SUPPLY TYPES

Tags and adhesive labels (paper or synthetic) in roll or fanfold format, perforated or continuous supply

SUPPLY SIZES

Width: 0.75–4.25" (19.1 to 108.0 mm)
Length: 0.32"–17.5" (8mm to 445mm)
Max Roll Diameter: 9.375" OD (238 mm) on 3" Core (76mm) or 4" Core (102mm)

TYPICAL SUPPLY ROLL LENGTH

7,874' (200m) with standard media
11,811' (300m) with EcoCapacity+

SUPPLY THICKNESS

5.5–13.5 mils (0.14–0.33mm)

MAXIMUM PRINT AREA

4.0" x 16.0" (102 mm x 406 mm) with the 203 dpi print head
4.0" x 13.0" (102 mm x 330 mm) with the 300 dpi print head
Larger images (up to 16 feet) can be printed using continuous supply and reallocating memory

RIBBON LENGTH

23,622" (600m)
Core: 1" (25.4mm) plastic

RFID

RFID ENCODER

Optional, EPCglobal UHF Class 1 Gen 2 / ISO 18000-63 (formerly 18000-6C). Supports worldwide UHF RFID frequency ranges.

RFID VERIFIER

Optional, integrated post-encode-and-print reader module. Validates actual encoded data against requested data.

ENVIRONMENTAL RANGES

OPERATING TEMPERATURE

Thermal Direct 40° to 104° F (4° C to 40° C)
Thermal Transfer 40° to 95° F (4° C to 35° C)

STORAGE

15° to 120° F (-9° C to 49° C)

HUMIDITY/OPERATING AND STORAGE

5% to 90% non-condensing

PERFORMANCE

POWER SOURCE

100–240 VAC with auto select 50/60 Hz
Optional 24 VDC (U.S. and Canada Only)

PRINT SPEED

2.5 ips (64 mm/sec)
4 ips (102 mm/sec)
6.0 ips (152 mm/sec)
8.0 ips (203 mm/sec)
10.0 ips (254 mm/sec)—only with 203 dpi print head
12.0 ips (305 mm/sec)—only with 203 dpi print head

COMMUNICATIONS

STANDARD COMMUNICATION PORTS

USB 2.0 Device Port (1 port, B receptacle), USB 2.0 Host Port (2 ports, A receptacle), RS-232C Serial Port (DB-9F, DTE pin out, 115.2K baud max comm. speed)

WIRED NETWORKING

802.3u Ethernet, 10/100 Mbps, RJ-45 connector

WIRELESS NETWORKING

Optional 802.11 a/b/g/n dual band (2.4GHz & 5 GHz), WPA2, 802.11i compliant

OPTIONS & ACCESSORIES

OPTIONS

- 300 dpi print head
- Peel mode with on demand sensor
- Peel mode with on demand sensor and internal liner take-up*
- ADK Script programming for special applications
- +24V DC-powered (Cart ready)*

OPTIONS

- 933™ High Speed Cutter*
- 928™ Stacker*
- 935™ Rewind
- 938™ Verifier*
- 939I™ Intelligent Keyboard

* Available on EF model only

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accelerating performance
throughout the global
retail supply chain**

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