Avery Dennison® Logistics Tabletop Printer 2 (ADTP2™)



The Avery Dennison® Tabletop Printer 2 (ADTP2™) is a high performance thermal printing and RFID encoding solution in a compact form factor. It can print and encode label and tag material at up to 8 inches per second for continuous batch production. In addition, the ADTP2 can also support on-demand and one-at-a-time tag printing, encoding and cutting for short-run or replacement applications.



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Small size, high productivity

The ADTP2 is ideal for label and tag production in a retail instore application, exception label and tag production in a distribution centre, or any printing application that requires high performance in a small space.

- The same rugged, reliable, field proven print mechanism as in our larger tabletop printers.
- 33% larger ribbon capacity than similar printers and the ability to hold a 200 meter supply* for less downtime due to supply changeover.
- Integrated Barcode Assured™, our proprietary fail-safe dot shifting auto correct feature, reduces the incidence of unscannable barcodes and extends usable printhead life.
- When printhead replacement is required, a tool-free replacement mechanism enables replacement in seconds, by anyone.
- Folding supply door reduces the space needed beside and above the printer.

Designed to be easy

- Unique tilting print mechanism, illuminated loading area and highlighted touch-points make supply loading effortless.
- Three-color backlit LCD display provides instant visual identification of printer status.
- Standard USB, Ethernet, RS-232 and optional dual-band wireless networking allow easy connection to host systems in a broad range of environments.
- Usable as a standalone system with a keyboard, keypad and barcode scanner accessories for data entry.

Non-stop RFID print and encode

- Able to continuously encode RFID supplies.
- Patented non-stop print and encode technology provides up to 3 times the throughput of even full-size tabletop printers.
- Integrated RFID EPC verifier provides an additional data integrity check, to virtually eliminate RFID data errors and provide an audit record for traceability.

Sustainable labeling

- You can decrease your environmental footprint using our EcoCapacity+™ thin liner labels. Switching to EcoCapacity+™ significantly reduces water and energy use, solid waste production and C02 emissions.**



Three-color backlit display provides instant visual identification of printer status.

Specifications

Dimensions

Height: 12.25" (311 mm)
Width: 11.0" (279 mm)
Depth: 17.2" (437 mm)
Weight: 25 lbs. (11.4kg)
Shipping weight: 32 lbs. (14.5 kg)

Print properties

Printing method
Thermal Direct or Thermal Transfer

Printhead width
4.09" (102 mm/812 dots)

Printhead resolution
203 dpi (8 dots / mm) or 300 dpi (12 dots / mm)

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

Print speed
2.5 ips (64 mm/sec) - default for serial bar codes with narrow elements less than 3 dots.

4 ips (102 mm/sec) - 203 dpi serial bar codes with narrow elements of 3 dots or greater.

6.0 ips (152 mm/sec) - default for parallel bar codes, max for label peel and liner takeup.

8.0 ipsm (203 mm/sec).

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

Operator interface
Keypad: 5-button keypad control
Display: LCD Graphical Dot Matrix (128W x 64H dots). 2.54" (64.5mm) Wide x 1.46" (37.0 mm) High.
Display Backlight: White (Idle), Green (Active), Red (Error).

Memory
SDRAM: 64 MB
Flash: 64 MB

Printer emulation
Languages: MPCL, MLI.

Communications

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 communications speed.

Wired Networking: 802.3u Ethernet, 10/100 Mbps, RJ-45 connector.

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

Real time clock
Real Time Clock: Standard

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

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

Bar code types
1-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.
2-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

Environmental

Operating temperature
40° – 104° F (4° – 40°C) for Thermal Direct
- 40° – 95° F (4° – 35°C) for Thermal Transfer

Storage temperature
15° – 120° F (-9° – 49°C)

Relative humidity
5 – 90% Non-condensing

Power source
90-264 VAC with auto select 50/60 Hz
Optional 24 VDC regulator

Power consumption
62 Watts printing, 4 Watts (Sleep mode),

Warranty

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

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

Supplies Specifications

Supply types
Tags and Adhesive Labels (Paper or Synthetic) in roll or fanfold format. Perforated or continuous supply.

Supply width
0.75" – 4.25" (19.1 – 108.0 mm)

Width with peel option
0.75" – 4.25" (19.1 – 108.0 mm)

Supply length (indexed)
0.32" to 17.5" (8 mm to 445 mm)

Supply Roll Diameter
8.0" OD (203 mm) on 3" (76mm) Core

Typical roll length
5,905" (150 m)
7,874" (200m) with EcoCapacity+

Ribbon length
23,622" (600 Meters)

Ribbon core
1" (25.4mm) plastic

Supply thickness
4.5 – 13.5 mils (0.14 – 0.33 mm)

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 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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