Polaroid P800 Card Printer

The P800 card printer efficiently produces great-looking ID cards in less time than any other comparable desktop printer. It's engineered and built to handle the higher volumes and requirements of state and local government, corporate, commercial and educational card issuance. When your application demands speed, performance and reliability in a compact and efficient unit, the P800 card printer is the ideal choice.

A CARD PRODUCTION POWERHOUSE FUELED BY INNOVATION

Industry-leading print speeds. The P800 series card printer dramatically improves your card issuance throughput with printing speeds that rival the fastest card printers in its class.

Industry-leading image quality. Reproduce intricate graphics such as state seals and school emblems with the P800 series printer's enhanced print modes. Resolutions up to 300 x 1200 dpi — an industry first — mean that fine text, 2D bar codes and complex two-byte character sets print sharp and bleed-free. Exclusive TrueMatch™ printing technology delivers vibrant colors that more closely match the colors on your screen.

Reliable operation. The P800 series printer withstands the daily demands of enterprise-level card issuance. Industry-exclusive TruePick™ card handling virtually eliminates jams by accurately picking cards, standard or thin, with no adjustments.

Best value today and tomorrow. Rest assured that the P800 series printer investment you make now will continue to pay off in the future. Modular design lets you field upgrade your P800 series printers with different encoders, an inline lamination module option and features as your card issuance needs change.

An ideal choice for applications such as:
- Employee, contractor and visitor IDs
- Student and faculty ID cards
- Government photo IDs
- Casino frequent player cards
- Photo IDs for government assistance programs

Stronger Security
With the P800 series card printer with inline lamination module, you can add a tactile impression for enhanced security and branding.

Specifications

Print technology	Direct-to-card dye-sublimation/resin thermal transfer
Print capabilities	One-sided (simplex) or optional two-sided (duplex) edge-to-edge printing Full-color and UV, or monochrome printing capability in the same printer Alphanumeric text, logos and digitized signatures; 1D/2D bar code images Printer pooling/sharing
Print resolution	Standard mode: 300 x 300 dots per inch; standard text, bar code and graphics printing High-quality mode: 300 x 600 dots per inch; enhanced text, bar code and graphics printing 300 x 1200 dots per inch; enhanced text and bar code printing 256 shades per color panel
Print speed	Full-color printing: Up to 220 cards per hour printing cards on one side (YMCKT*) Up to 165 cards per hour printing cards on two sides (YMCKT-K*) Monochrome printing: Up to 1,000 cards per hour printing cards on one side (Black HQ*)
Card capacity	Automatic feed: 100-card input for 0.030 in. (0.76 mm) cards; 25-card output standard Front exception card slot Separate reject location and holding tray (10-card capacity) Input hopper empty detection
Physical dimensions	One-sided printing: L 17.4 in. x W 8.8 in. x H 8.8 in. (44.2 cm x 22.4 cm x 22.4 cm) Two-sided printing: L 21.2 in. x W 8.8 in. x H 8.8 in. (53.8 cm x 22.4 cm x 22.4 cm) Six-compartment multi-hopper: L 27.5 in x W 16.5 in. x H 14.5 in. (69.9 cm x 41.9 cm x 36.8 cm)
Weight	One-sided printing: 9.0 lbs (4.1 kg) (depending on options) Two-sided printing: 12.0 lbs (5.4 kg) (depending on options) Six-compartment multi-hopper: 33.0 lbs (15.0 kg)
Connectivity	Bidirectional USB 2.0 high speed; Ethernet 10 Base-T/100-Base-TX (with activity light)
Warranties	36-month standard depot warranty; 36-month printhead warranty (no pass restrictions)**

PRINTER OPTIONS

Magnetic stripe encoding	Field upgradeable ISO 7811 three-track option (high- and low-coercivity) JIS Type II single-track option Support for standard and custom data formats
Hopper	200-card input hopper
Multi-Hopper	Six-compartment multi-hopper; Six 100-card hoppers, 600-card total capacity
Laminator	Single- or dual-sided lamination
Print, lamination and tactile impression speed	Up to 220 cards per hour front side YMCK ribbon with front side lamination Up to 185 cards per hour front side YMCK-K ribbon, back side K with front side lamination Up to 200 cards per hour (one side print and lamination with Tactile) YMCK Up to 200 cards per hour (two sided printer and lamination with Tactile) YMCK-K

Smart card personalization	Factory options:
	    Single-wire contact/contactless all-in-one encoder (read/write) for MIFARE, ISO7816, ISO14443 A/B, ISO FeliCa. DESFire
	    DUALi Single Wire Contact/Contactless Encoder, ISO 7816, ISO 14443, Mifare, Desfire & Felica
	    Two-wire contact/contactless all-in-one encoder (read/write) for MIFARE/DESFire, ISO7816, ISO14443, A/B
	
	Field upgradeable options:
	    Single-wire contact/contactless all-in-one encoder (read/write) for MIFARE, ISO7816, ISO14443 A/B, ISO FeliCa. DESFire
	    Two-wire contact/contactless all-in-one encoder (read/write) for MIFARE/DESFire, ISO7816, ISO14443, A/B
	    iCLASS® by HID, read/write encoder or read-only
	    PC Prox by HID, read-only
	    Third-party OEM smart card option-ready (for contactless readers only – encoder not included)
	    DUALi Single Wire Contact/Contactless Encoder, ISO 7816, ISO 14443, Mifare, Desfire & Felica

OpenCard	Factory option only; Supports one- and two-sided printing; Full-color and monochrome printing Front exception card slot supported; Supports legacy OpenCard formats; Ethernet or USB
Two-sided printing	Factory option or field upgradeable
End-user upgradeable options	Extended 100-card output hopper (available for single-hopper); Extended 200-card input hopper and P800 series printer with inline lamination module (available for single-hopper); KL-style security lock for printer

Ribbon type and number of panels: Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Inline Topcoat; HQ=High Quality
**Warranty period may vary by territory. Please check with your point of purchase.*

**Polaroid P800 Card Printer
with inline lamination module**

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