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P900 Direct-to Card Printer

Polaroid P900 Direct-to-Card Printers are specifically designed for today's cloud environments and give you the ability to easily issue secure identities.

Print anytime, anywhere with your mobile device when you upgrade to our Instant ID Web-to-Print solution*.



Simple

From unboxing to issuing ID cards and mobile flashpasses to managing your printer, we made sure P900 was the most user-friendly ID card issuance solution in the world.

Secure

Our industry-leading issuance security architecture will keep your cards and your customers' data safe and secure each step of the issuance process.

Smart

Forward-thinking technology and scalability allow you to expand your ID card program as your needs evolve.

The world's most user-friendly ID card printer

- Intuitive printer dashboard lets you see printer status, order supplies, check cleaning status, update firmware, or contact help – all from your mobile device
- Seamless self-service lets you access how-to videos and other helpful resources by simply scanning a QR code on the LCD display
- Variable LED light ring lets you incorporate brand colors or other customization into your ambient environment
- Pre-loaded ribbon cassettes make switching ribbons easy

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Unmatched security

- Optional locks
- Secure boot protects system from malware or virus on boot-up
- Trusted Platform Module (TPM) manages the printer's own TLS/SSL certificates and keys
- Connection and data sent between software and printer is encrypted
- Customer data is encrypted and is not stored in the printer after printing is complete
- Luster printing and other security features added to cards protect from tampering and counterfeiting

Flexibility and scalability built for the future

- Issuance capabilities include physical cards and digital mobile flashpass
- Choose on-premises or cloud-hosted deployment
- Expand your ID program as your needs change by adding multi-hopper, smart card capabilities, color tactile printing, and more
- Print anytime, anywhere with your mobile device (iOS, Android, Windows)*



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P900 Specifications

Print Technology	Dye sublimation
Print Capabilities	Single or dual-sided
Print Resolution	300 dots per inch (dpi) (300 X 600, 300 X 1200)
Monochrome Printing	Up to 1,100 cards per hour single-sided
Print Speed	Single-sided color ribbon: up to 250 cards per hour (cph) Double-sided color ribbon: up to 180 cards per hour (cph)
Card Capacity	Input hopper: 125 cards Output hopper: 25 cards
Card Sizes	Thickness: 0.010 inches to 0.040 inches (0.25mm - 1.016mm) Dimension: ID-1, CR-79, CR-80
Operating Environment	Temperature: 60°F to 95°F (15°C to 35°C) Humidity: 20-80% RH - non condensing
Physical Dimensions	L 17.4 in x W 8.9 in x H 9 in / 44.2 cm x 22.6 cm x 22.9 cm
Weight	12.1 lbs (5.49 kg); varies with options
Connectivity	USB and Ethernet
Warranty	24 Months (**Warranty period may vary by territory. Please check with your point of purchase.)
Web Browser Support For Instant ID as a Service	Chrome - Preferred Edge/Internet Explorer Safari
Operating System Support For Printer Drivers	Windows 10 versions, 32- and 64-bit Windows 8.1, 32- or 64-bit Windows Server 2019 Windows Server 2016 Windows Server 2012, R2, 64-bit



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Optional Features & Supplies

Magnetic stripe encoding ISO 7811 three-track support (high- and low-coercivity)
JIS Type II single-track option

WiFi WiFi types: 802.11g/n
Authentication modes: None, WPA2 Personal
Dual-band 2.4GHz & 5GHz

Smart card encoding Single wire or loosely coupled:
• Contact smart card encoding: ISO 7816 T=0 (T=1), Class A 5V (3V and 1.8V)
• Contactless smart card encoding: ISO 14443 A/B, ISO 15693, MIFARE, MIFARE DESFire EV1/EV2, HID Prox, iClass, iClass SE, iClass Seos, Felica

Color ribbons*

YMCKT	250/500 images
ymcKT	650 images
YMCKT-KT	350 images
KT	1,000 images
KTT	750 images
YMCKF-KT	300 images
YMCKL-KT	300 images
ST-KT	500 images
GT-KT	500 images
YMCK	500 images
YMCK-KK	500 images

Monochrome ribbons Black, white, blue, red, green, scratch-off, silver matte, gold matte, silver metallic, and gold metallic: 1,500 images

* Color ribbon guide: Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Topcoat, F=UV fluorescent, L=Luster, y=1/2 panel Yellow, m=1/2 panel Magenta, c=1/2 panel Cyan, S=Silver matte, G=Gold matte.



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