Datacard®
CP80™ Plus
Card Printer

The CP80 Plus card printer enables government agencies, corporations, universities and others to produce the most technologically advanced secure IDs available anywhere.

Superior security and durability

The Datacard® CP80™ Plus card printer can support even the most demanding ID programs. It produces high-quality secure ID cards that help you protect people, facilities and other critical assets. This printer can personalize contact or contactless smart cards, encode magnetic stripe cards and issue proximity cards. It is also optimized to work with Datacard® IDCentre™ identification software and capture solutions, as part of a fully integrated system.

Enhance security and durability

• One standard laminator and a second optional laminator can both apply Datacard® DuraGard® virtual edge-to-edge laminates, which cover 95% of the card to increase security and durability.

• Laminate any combination of topcoats or DuraGard laminates in a single pass. Apply different laminates to each side to improve cost-efficiency.

• Ultraviolet (UV) fluorescent printing comes standard for enhanced security.

• Security features include theft-deterrent software and a hardware lock system.

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SECURE ID AND CARD PERSONALIZATION SOLUTIONS

Datacard® CP80™ Plus Card Printer

100- or 200-card input hopper

Quick-change supplies switch out in seconds

Standard LCD panel offers at-a-glance print status

One (standard) or two (optional) laminators

Optional theft-deterrent software and hardware lock system

Front-facing output hopper saves space

Standard Ethernet and USB connectivity

Configure your CP80 Plus card printer with one or two laminators for applying DuraGard virtual edge-to-edge laminates or topcoats.

Standard features

One- or two-sided edge-to-edge printing

Continuous-tone for full-color or black-and-white photos

Ultraviolet fluorescent printing

Alphanumeric text, logos and digitized signatures

Variety of bar codes and background patterns

Automatic printer settings and offsets, automatic ribbon identification, validation and low ribbon warning

Full-color print speed of up to 175 cards per hour (one-sided), up to 165 cards per hour (two-sided) and up to 105 cards per hour (two-sided, print and laminate)

Choose topcoat or patch lamination with superior coverage or lamination without printing

Printer pooling

Connectivity:
Bi-directional USB and Ethernet 10/100 Base-T bi-directional networking

Printer driver features user-adjustable image and color controls, stand-alone driver diagnostics, color image and text card preview, online user help, add text, pattern or image to topcoat, and supply usage tab

Backlit LCD panel

Audible and visual message prompts on printer and PC

Automatic card feed

Quick-change ribbon and laminate cartridges

30-month standard depot printer and printhead warranty

Options

Second laminator

ISO magnetic stripe encoding (IAT; dual high-and low-coercivity; tracks 1, 2 and 3 for IAT)

Smart card options include contact and contactless all-in-one reader; Contact PC USB reader; contact station; Prox by HID; and iCLASS® by HID

100- or 200-card input hopper

100-card output hopper

Magnetic stripe and smart card field upgradeability

Input hopper empty detection

Printer-PC security software

Hardware lock system

Specifications

Dimensions: L 23.1 in. x W 9.92 in. x H 18.82 in. to H 23.52 in. (58.76 cm x 25.2 cm x 47.8 cm to 59.74 cm)

Weight: Less than 27 lbs. (12.25 kg) without supplies

Print resolution of 300 dots per inch, 256 shades

Electrical requirements of 100/120V, 50/60 Hz; or 220/240V, 50/60 Hz

Accepts ID-1/CR-80 size cards measuring 3.370 in. x 2.125 in. (85.6 mm x 53.98 mm); accepts glossy-surfaced PVC cards; other core materials with PVC overlaminates are optional

Accepts card thickness from 0.02 to 0.05 in. (0.51mm to 1.27mm) + 10%, for print-only; 0.03 to 0.05 in. (0.76mm to 1.27mm) + 10% for print and laminate

Operates in temperatures from 60° to 95°F (15° to 35°C) and non-condensing humidity from 20% to 80%

Operating system support:
Microsoft® Windows Vista®, Windows® XP, Windows® 2003 Server, Windows® 2008 Server, supported on printer driver version 4.1
Windows® 2000 supported by printer driver version 2.1
Datacard® Open Platform printer driver for non-Windows platforms

Agency approvals: UL, cUL, FCC, CE, CCC, Ctick, RoHS

Datacard® Certified Supplies featuring Intelligent Supplies Technology™

Datacard Group sales channels are your exclusive source for Datacard® Certified Supplies. Datacard® CP Series card printers require the use of Datacard Certified Supplies in order to print and laminate properly.

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