

DATACARD® SP55 PLUS CARD PRINTER



A POWERFUL CHOICE FOR FAST, VERSATILE CARD PRINTING

Multiple technologies for high-impact cards

- **Smart cards/proximity cards.** Issue personalized contact or contactless smart cards for e-purse and access control programs.
- **Bar codes and magnetic stripes.** Choose the machine-readable technology that fits with your access control and other automated systems.
- **Photos, graphics, and signatures.** Create superb cards with brilliant color, lifelike photos and other crisp, sharp graphics.
- **One- or two-sided printing.** Print high-quality, single or full-color images across one or both sides of a card. Choose one-sided inline printing or optional two-sided inline printing.

The Datacard® SP55 Plus card printer combines the speed and power of professional-grade card printing with the overall versatility you need to deliver high-quality cards for corporate, education, loyalty, entertainment and other markets.

- **High productivity.** The SP55 Plus card printer produces up to 190 one-sided, full-color cards or 1,000 one-sided, single-color cards per hour. Optional extra-large card input and output hoppers help ensure continuous productivity. High speed meets high quality with true edge-to-edge printing and sharp, crisp images driven by our exclusive Advanced Image Technology™. The printer also features front card loading and unloading, so you can place it anywhere.
- **Versatile performance.** The SP55 Plus card printer offers smart card, proximity card, ISO magnetic stripe and bar code options that make it easy to create a wide range of cards on demand. It is ideal for issuing multi-technology photo IDs that provide secure access to facilities, networks and other privileges. This printer also can issue secure IDs in schools as well as loyalty cards and VIP cards for casinos.
- **Intelligent features.** An innovative printer driver provides all the information you need on screen, including message prompts, color image previews and online user help. The SP55 Plus card printer also offers a built-in LCD and optional Ethernet connectivity.

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SECURE ID AND CARD PERSONALIZATION SOLUTIONS



Optional 200-card hopper

Quick-change ribbons switch out in seconds



Blank card stock held in a 100-card hopper

Backlit LCD offers at-a-glance print status

Front-facing output hopper allows placement in space-restricted locations



Optional Ethernet port for network connectivity

Kensington lock secures the printer



The Datacard® SP55 Plus card printer combines high speed with exceptionally versatile capabilities.

DATACARD SP55 PLUS CARD PRINTER

Standard features

Print capabilities

- One- or two-sided edge-to-edge printing
- Continuous-tone, full-color, black-and white photos
- Alphanumeric text, logos and digitized signatures
- Variety of bar codes
- Background patterns

Advanced Imaging Technology

Print speed

Full-color printing:

- Up to 190 cards per hour (one-sided)
- Up to 155 cards per hour (two-sided)
- Monochrome printing:
- Up to 1,000 cards per hour (one-sided)
- Up to 450 cards per hour (two-sided)

Capacity

- Input hopper: 100 cards, 0.03 in. (0.76mm)
- Output hopper: 40 cards, 0.03 in. (0.76mm)

Operating system support

- Bi-directional USB supported on Microsoft® Windows® 2000 and XP operating systems
- Printer driver pooling supported on Microsoft Windows 2000 and XP operating systems
- Datacard® Open Platform printer driver for non-Windows platforms

Printer driver

- User-adjustable image and color controls
- Stand-alone driver diagnostics
- Color image and test card preview
- Online user help
- Add text, image or pattern to topcoat
- Supply usage tab

User-friendly operation

- Audible and visual message prompts
- Automatic card feed
- Operator-replaceable printhead
- Continuous cleaning roller

Datacard® Certified Supplies featuring Intelligent Supplies Technology

- Automatic identification and validation for ribbons
- Automatic printer settings
- Low ribbon warning
- Ribbon saver

Warranties

- 24-month standard depot warranty
- 24-month printhead warranty (no pass restrictions)

Options

- One-side printing
- Two-sided printing with duplex
- Magnetic stripe encoding
 - ISO: IAT or NTT
 - Dual high- and low-coercivity
 - Tracks 1, 2 and 3 (1 track for NTT)
- Smart card personalization
 - Contact /Contactless all-in-one reader
 - Contact station
 - Prox by HID
 - iClass® by HID
- Clear card personalization
- Input hopper empty alert
- 200-card input hopper
- 200-card output hopper
- Lockable input tray
- Printer security lock
 - Kensington lock
- Soft-sided carrying case
- Networking
 - Ethernet 10/100 Base-T bi-directional networking supported on Windows 2000 and XP operating systems
- Backlit LCD panel
- Open Card support (not available in all areas)

Specifications

Physical dimensions

- L 21.5 in. x W 7.8 in. x H 9.5 in. to H 11.9 in. (54.6 cm x 19.8 cm x 24.1 cm to 30.2 cm)

Weight

- Less than 11 lbs (5.3 kg) without supplies

Print resolution

- 300 dots per inch, 256 shades

Electrical requirements

- 100/120V, 50/60 Hz
- 220/240V, 50/60 Hz

Plastic cards accepted

- ISO ID-1/CR-80 size cards
- 3.370 in. x 2.125 in. (85.6 mm x 53.98 mm)
- PVC with glossy laminate surface
- Clear cards
- Other core materials with PVC overlaminates are optional

Card thicknesses accepted

- 0.009 in. to 0.055 in. (0.2286 mm to 1.397 mm)

Operating environment

- 60°F to 95°F (15°C to 35°C)
- 20% to 80% non-condensing humidity

Storage environment

- 5°F to 140°F (-15°C to 60°C)
- 10% to 90% humidity

Agency approvals

- Safety: CE, UL, cUL
- FCC Emissions: FCC CFR 47, part 15, subparts b and c, class A
- European EMC Emissions: EN55022: 1998, EN61000-3-2, EN61000-3-3, Immunity (EN55024: 1998)
- RTTE ETSI 300-330, ETSI 300-489-3:2000
- Canada Emissions: RSS-003
- Industry of Canada approval to RSS-210
- Japan: VCCI V.3/2001.04
- China: CCC, GB4943-2001, GB9254-1998 GB17625.1-1998, RoHS
- Taiwan: RPC, DGT
- RoHS compliant: EU, China

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TransTech Systems, Inc.
Toll Free: 1-888-VIDEO-ID
Phone: 503-682-3292
Fax: 503-682-0166
Wilsonville, OR 97070
www.tsys.com

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Datacard® SPPlus Series card printers require the use of Datacard Certified Supplies in order to print properly.