



Datacard® SP75 card printer

Main Functions and Features

1、Overview

The Datacard® SP75 card printer delivers a powerful and unprecedented combination of advanced security and extreme reliability. It is designed to protect critical assets and enhance security in government and corporate environments. Plus, it provides the high-quality output and fast, dependable operation that colleges, universities and other cost-conscious organizations demand from a desktop card printer.

Built on the same proven platform as Datacard® SP Series card printers, the SP75 card printer is engineered for high reliability.

Its design features fewer moving parts and a significantly higher duty cycle, enabling it to deliver outstanding productivity and consistent performance.

The SP75 card printer is also exceptionally versatile. It can laminate cards printed by another printer or print cards without laminating, as well as apply the same laminate to both sides or different laminates to each side of the card. As part of an integrated solution, it can issue contactless and contact smart cards, proximity cards and IDs with magnetic stripes and bar codes.



2、Features

- Single sided or double sided; edge-to-edge printing
- Full color or monochrome imaging
- Up to 170 cards per hour front side YMCK ribbon with front side lamination
- Up to 148 cards per hour front side YMCK-K ribbon, back side K with front side lamination
- Direct-connect 10 Base-T Ethernet
- Input hopper holds 100 - .030 in. (.76mm) cards (200 card hopper optional)
- Output hopper holds 40 - .030 in. (.76mm) cards (100 card hopper optional)
- LCD panel
- Microsoft® Windows® Me, 2000 and XP operating system printer driver
- Printer pooling for Windows 2000 and XP operating systems, also support Windows® 98

and Windows NT® 4.0 operating systems. Windows NT 4.0 support is via Ethernet connection for the SP75 printer

- USB Cable Connection, Ethernet support
- Datacard® Smart Driver™ printer driver

User adjustable image and color controls

User defined print and topcoat panel blocking region

Stand-alone "smart" driver diagnostics

Color image preview and color preview test card, provides the ability to load a custom bitmap for the color settings preview



On-line user help via driver and new E-guide

Audit trail, picked card and completed card counters available from driver

UV Ribbon support

Ability to laminate cards without printing them

Support for YMCKF-KT ribbon

Printer toolbox has also been translated to Brazilian Portuguese, in addition to other languages

The Windows XP and 2000 operating system driver runs in user mode and we allow installation on Windows Server™ 2003 operating system

- Audio and visual message prompts
- Automatic card feed
- Smart Supplies with enhanced features
 - Automatic ribbon identification and validation
 - Automatic laminate and topcoat identification and validation
 - Automatic printer settings and offsets
 - Ribbon low warning
 - Advanced Imaging Technology™
- Continuous cleaning roller
- Operator-replaceable print heads
- Easy-change ribbon cartridge replacement
- Easy-change laminate and topcoat cartridge replacement
- Eighteen month standard depot warranty for printer
- Eighteen month printhead warranty - no pass restrictions

3. Options

- Dual laminator
- Magnetic stripe encoding
 - 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
 - HID® iCLASS® PC Prox Reader
- Magnetic stripe encoding with smart card personalization
- Magnetic stripe and smart card field upgradability
- Printer - PC Security Software
- Hardware Lock suite
- High capacity 200 card input hopper
- High capacity 100 card output hopper
- Customized service plans
- Ribbon cartridge assembly
- Laminate and topcoat cartridge assembly
- Datacard® StickiCard™ adhesive-backed plastic cards
- Replacement printheads



► Technical specifications

Print capabilities	Edge-to-edge printing
	Continuous-tone, full-color or black-and-white photos
	Alphanumeric text, logos, digitized signatures, fingerprints
	Variety of bar codes
	Background patterns
Lamination and topcoat capabilities	Lamination and duplex standard + Second laminator option
	Both topcoat or patch lamination in any laminator
	Printer automatically adapts to supply type
	Superior laminate patch coverage
	Energy saving idle feature
Resolution	300 DPI
Electrical requirements	100/120V, 50/60 Hz
	220/240V, 50/60 Hz
Communications	Bi-directional USB and 10 Base-T Ethernet
Plastic cards accepted	Size: 3.375 in. x 2.125 in. (85.7 mm x 54.0 mm)
	Type: PVC with glossy laminate surface; other core materials with
	PVC overlaminates optional
	Thickness(+/- 10%):
	printing only—0.020 to 0.050 inches (0.508 to 1.270 mm)
	printing and laminating— 0.030 to 0.050 inches (0.762 to 1.27 mm)
	magnetic stripe (not laminated)—0.020 to 0.040 inches (0.508 to 1.016 mm)
	magnetic stripe (laminated— 0.030 to 0.040 inches (0.762 to 1.016 mm)
	smart card chip (contact)—0.030 to 0.040 inches (0.762 to 1.016 mm)
	smart card chip (non-contact)—0.030 to 0.050 inches (0.762 to 1.270 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% non-condensing humidity
Datacard® Supplies	Certified
	●Ribbon kits include:
	one print ribbon



	one adhesive cleaning sleeve
	one Isopropanol cleaning card
	●Ribbon kits available:
	YMCK (three colors, black) - up to 500 images per roll
	YMCKK (three colors, black front, black back) - up to 500 images per roll
	YMCKF-KT (three colors, black, florescent ultraviolet, black, topcoat)
	YMCKT-KT (three colors, black, topcoat, black, topcoat) - up to 300 images per roll
	YMCKT (three colors, black and topcoat) - up to 250 or 500 images per roll
	KT (black with topcoat) - up to 1000 images per roll
	K (black) - at least 1500 images per roll
	Black HQ
	Additional colors available (red, dark blue, silver, white, scratch-off gray)
	●Cleaning supplies available:
	Isopropanol Cleaning Card
	Adhesive Cleaning Sleeve
	Isopropanol Cleaning Pen
	●Storage Conditions for Datacard Certified Supplies:
	32°F to 77 °F (0°C to 25°C)
	40% to 60% Humidity
	No direct exposure to sunlight
Physical dimensions	Small Footprint 23.1" L x 9.92" W (586.74 mm L x 251.97 mm W)
	H = 18.82" to 23.52" (478.03 mm to 597.41 mm) depending on hopper options
Weight	Less than 27 pounds without supplies
Shade count	256 shades