

DATACARD® SD360™ CARD PRINTER SPECIFICATIONS



SD360™ Printer Standard Features

Print technology

Direct-to-card dye-sublimation/resin thermal transfer

Print capabilities

- One- or two-sided, edge-to-edge printing
- Full-color and monochrome printing capability
- Alphanumeric text, logos and digitized signatures
- Variety of bar codes: 1D/2D bar code images
- Printer pooling/sharing

Print resolution

300 dots per inch, 256 shades per color panel

Print quality

- Ability to conform to sRGB standard
- Flexible color management options

Print speed

Full-color printing: up to 200 cards per hour, single-sided (YMCKT*), up to 155 cards per hour, two-sided (YMCKT-K*)

Monochrome printing: up to 830 cards per hour, one-sided (black HQ*)

Printer memory

128 MB standard

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
- Input hopper empty detection

Printer display

- Printer status messages
- Multiple backlight settings
- International languages available: English, Spanish, German, Italian and Japanese

Printer driver

- Split-panel YMCKT feature for dual-sided printing
- Adjustable color controls with image preview
- Pre-set area to block printing on magnetic stripe, with escapes for custom areas

Utilizes Windows® XPS-based technology for high-fidelity printing

Secure disabling of card remake

Software Development Kit (SDK) for Windows operating system printer driver

User interface languages available: English, Spanish, German, Italian, Japanese, Traditional Chinese, Portuguese, Korean and Arabic

User-friendly operation

Printer messages display on LCD panel

Graphical display on Windows 7 and Windows Vista® operating systems

Easy, fast installation

Card remake standard with cancel option

Operator-replaceable printhead

Front panel soft power button

Datacard® Certified Supplies featuring Intelligent Supplies Technology™

- Automatic identification and validation for ribbons
- Adjustable low ribbon and cleaning cycle alerts
- Ribbon saver

Warranties

30-month standard depot warranty

30-month printhead warranty (no pass restrictions)

SD360 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

Smart card personalization

Factory options

Single-wire contact/contactless all-in-one encoder (read/write) for MIFARE, ISO7816, ISO14443 A/B, ISO15693, ISO FeliCa, DESFire).

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, ISO15693, 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)

Third-party OEM smart card option-ready (for contact readers only – encoder not included)

OpenCard®

Factory option only; single- or dual-sided printing; full-color and/or monochrome printing; ethernet or USB

End-user upgradeable options

Extended 200-card input hopper

Extended 100-card output hopper

Kensington security lock for printer

Printer cleaning supplies

Print ribbon kits - color

Full-color with resin black and topcoat panel, YMCKT*, 250 images

Full-color with resin black and topcoat panel, YMCKT*, 500 images

Full-color short panel with resin black and topcoat panel, ymckT*, 650 images

Resin black and topcoat panel, KT*, 1000 images

Full-color with resin black and topcoat panel on front, resin black on back, YMCKT-K*, 375 images

Full-color with resin black and topcoat panel on front, resin black and topcoat panel on back, YMCKT-KT*, 300 images

Resin black with inline double topcoat panel on front, topcoat panel on back, KTT*, 750 images

Print ribbon kits - monochrome

Resin black HQ* (high quality), 500 images

Resin black HQ* (high quality), dark blue, white, red, green, silver, gold, metallic silver, metallic gold, 1500 images

New, improved scratch-off, 1500 images

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Physical dimensions

L 21.2 in. x W 6.9 in. x H 8.8 in.
(53.9 cm x 17.5 cm x 22.4 cm)

Weight

12.0 lbs (5.4 kg) (depending on options)

Electronic 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
- Select key fob cards (ISO ID-1/CR-80 size cards)
- Datacard® StickiCard™ adhesive-backed plastic cards

Card thickness accepted

0.010 in. to 0.037 in. (0.254 mm to 0.939 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

Connectivity

- Bidirectional USB 2.0 high speed
- Ethernet 10 Base-T/100-Base-TX (with activity light)

Operating system support for printer driver

- Windows 7 (32 and 64 bit)
- Windows 8 (32 and 64 bit)

Agency approvals

cULus, FCC, I.C., CE, Ctick, VCCI, RoHS, WEEE, CCC, KCC

Environment/energy-saving features

- Biodegradable supply cores made with EcoPure® additive
- Recyclable enclosure plastics (marked with recycle symbol per Resin Identification Code)
- Recyclable packaging

Included with the SD360 printer

- Printer driver CD, Quick Install Guide and warranty
- Free Datacard® identification software
- Cleaning swabs (5/pkg)
- Cleaning roller spindle
- USB cable
- Power supply
- Power cord (region-specific)

*Ribbon type and number of panels; Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Inline Topcoat, HQ=High Quality.

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