

DATACARD® SD460™ CARD PRINTER SPECIFICATIONS



SD460™ Printer Standard Features

- Print technology
 - Direct-to-card dye-sublimation/resin thermal transfer
- Print and lamination capabilities
 - One- or two-sided edge-to-edge printing, with standard one-sided and optional two-sided lamination
 - Full-color and monochrome printing capability
 - Alphanumeric text, logos and digitized signatures
 - Variety of bar codes: 1D/2D bar code images
 - Printer pooling/sharing
 - UV Printing
- Print resolution
 - 300 dots per inch
 - 256 shades per color panel
 - High-quality mode: 300 x 600 dots per inch; enhanced text, bar code and graphics printing
 - 300 x 1200 dots per inch; enhanced text and bar code printing
- Print quality
 - Ability to conform to sRGB standard
 - Flexible color management options
- Print, lamination and tactile impression speed
 - Up to 200 cards per hour front side YMCK ribbon with front side lamination
 - Up to 175 cards per hour front and back side YMCK-K ribbon, back side K with front side lamination
 - Up to 185 cards per hour (one side print and lamination with tactile) YMCK
 - Up to 150 cards per hour (two sided printing and one sided lamination with tactile) YMCK-K
- Printer memory
 - 128 MB standard
- Card capacity
 - Automatic feed: 100-card input for 0.030 in. (0.76 mm) cards; 100-card output standard
 - Manual feed: 1-card input; 5-card output for 0.030 in. (0.76 mm) cards
 - 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, French, German, Italian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Portuguese (Brazil), Russian, Spanish, Romanian, Czech and Polish
- User-friendly operation
 - Printer messages display on LCD panel
 - Message display on Windows operating system when using the Windows driver
 - 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

- 36-month standard depot warranty
- 36-month printhead warranty (no pass restrictions)
- Full warranty details can be found in the printer documentation kit

SD460 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 available by Dec. 2012
 - Two-wire contact/contactless all-in-one encoder (read/write) for MIFARE/DESFire, ISO7816, ISO14443, A/B DUALi Single Wire Contact/Contactless Encoder, ISO 7816, ISO 14443, Mifare, Desfire & Felica
 - Field upgradeable options:
 - Single-wire contact/contactless all-in-one encoder (read/write) for MIFARE, ISO7816, ISO14443 A/B, ISO15693, ISO FeliCa). DESFire available by Dec. 2012
 - Two-wire contact/contactless all-in-one encoder (read/write) for MIFARE/DESFire, ISO7816, ISO14443, A/B DUALi Single Wire Contact/Contactless Encoder, ISO 7816, ISO 14443, Mifare, Desfire & Felica
 - iCLASS by HID, read/write encoder or read-only
 - PC Prox by HID, read-only
 - Third-party OEM smart card option-ready (for contact readers only – encoder not included)
- Field upgradable options
 - Tactile impression
 - Second lamination station
- End-user upgradeable options
 - Extended 200-card input hopper
 - KL-style security lock

SD460 Printer Supplies

- Print ribbon kits - color
 - Full-color with resin black, YMCK*, 500 images
 - Full-color with resin black on front, resin black on back, YMCK-K*, 500 images (duplex)
 - 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
 - Full-color with resin black and fluorescent panel on front, resin black and topcoat panel on back, YMCKF-KT*, 300 images (duplex)
 - Color Ribbon Kit, YMCKFT*, 300 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

Secure overlays

- Topcoats
- Datacard® DuraShield™ overlays
- Datacard® DuraGard® laminates

SD460 Printer Specifications

- Physical dimensions
 - Lamination station 1: 23.2 in. x 10.6 in. x 20.2 in. (589 mm x 270 mm x 513 mm)
 - Lamination station 1 and 2: 23.2 in. x 10.6 in. x 20.2 in. (589 mm X 270 mm X 513 mm)
 - Lamination station 1, 2 and impessor: 26.6 in. x 10.6 in. x 20.2 in. (675 mm x 270 mm x 513 mm)
- Weight
 - Lamination station 1: 29.92 lbs (13.6 kg)
 - Lamination station 1 and 2: 32.78 lbs (14.9 kg)
 - Lamination station 1, 2 and impessor: 36.96 lbs (16.8 kg)
- 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
 - 0.030 in. (0.76 mm) +/- 10%
- 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 8 (32 and 64 bit)
 - Windows 7 (32 and 64 bit)
 - Windows 10
 - Windows XP SP3 (32 bit)
 - Windows Server 2012 (64 bit)
 - Windows Server 2008 (64 bit)
 - Windows Server 2008 R2 (64 bit)
 - Windows Server 2003 R2 (32 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 printers
 - Printer driver CD, Quick Install Guide and warranty
 - Free ID Works® Intro identification software
 - Cleaning pen
 - Cleaning roller spindle
 - USB cable
 - Power supply
 - Power cord (region-specific)

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*Ribbon type and number of panels; Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Inline Topcoat, HQ=High Quality. †Not available in all regions.