DATACARD® SD160™ CARD PRINTER SPECIFICATIONS

SD160™ Printer Standard Features

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

Print capabilities
- One-sided, edge-to-edge printing
- Full-color and monochrome printing capability
- Edge-to-edge rewritable 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 150 cards per hour, single-sided (YMCKT*)
- Monochrome printing: up to 500 cards per hour, one-sided (black HQ*)

Rewritable printing up to 12 seconds per card

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

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

Printer driver
- Adjustable color controls with image preview
- Pre-set area to block printing on magnetic stripe, with escapes for custom areas
- Utilizes Windows® 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, 8, XP, SP3 and 2000 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
- 24-month standard depot warranty
- 24-month printhead warranty (no pass restrictions)

SD160 Printer Options

Magnetic stripe encoding (field upgradable)
- ISO 7811 three-track option (high- and low-coercivity)
- JIS Type II single-track option
- Support for standard and custom data formats

End-user upgradeable options
- Extended 100-card output hopper
- Extended 200-card input 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 short panel with resin black and topcoat panel, ymcKT*, 650 images
- Resin black and topcoat panel, KT*, 1000 images
- Resin black with inline double topcoat panel on front, topcoat panel on back, KTT*, 750 images
- Full color with resin black, topcoat and UV panel, 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

SD160 Printer Specifications

Physical dimensions
- L 15.4 in. x W 6.9 in. x H 8.8 in. (39.1 cm x 17.5 cm x 22.4 cm)

Weight
- 8.1lbs (3.7kg)

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

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 SD160 printer
- Printer driver CD, Quick Install Guide and warranty
- Free ID Works® Intro identification software
- Cleaning swab (5/pk)
- Cleaning roller spindle
- USB cable
- Power supply
- Power cord (region-specific)

Datacard®

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