

# 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 14 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 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
  - Complimentary TruCredential™ Express identification software
  - Cleaning swab (5/pk)
  - 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, IF=Flourescent.

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