

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
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 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

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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)
For India and South Asia, 18-month standard depot
warranty; 12-month print head warranty

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
KL-style 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

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)



Corporate Headquarters

Phone: +1 952 933 1223
entrustdatacard.com
info@entrustdatacard.com

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

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