

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

## SD160 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

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

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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)



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

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