DATACARD®
SP25 CARD PRINTER

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SPECIFICATIONS

Datacard® SP25 Card Printer Specifications:

- RoHS Compliant
- Physical dimensions: 14.9 in. x 7.8 in. x 9.0 in. (37.85 cm x 19.5 cm x 22.5 cm)
- Weight: between 7 and 8 lbs. (3.2 kg and 3.6 kg), depending upon options
- Print capabilities:
    - Edge-to-edge one-sided printing
    - Continuous-tone, full-color or black-and-white printing
    - Edge-to-edge rewritable printing
    - Alphanumeric text, logos, and digitized signatures
    - Variety of bar codes
    - Background patterns
- Print resolution: 300 dpi
- Throughput
    - Full-color printing: 30 seconds per card
    - Monochrome (black) printing: 12.4 seconds per card (full card erase and rewrite)
- Shade count: 256 shades
- Communications: Bi-directional USB
- Plastic cards accepted
    - Size: 3.374 in. x 2.125 in. (85.7 mm x 54.0 mm)
    - Type: PVC with glossy laminate surface; other core materials with PVC overlaminates optional; Mitsubishi ThermoRewrite blue card
    - Thickness
        - ISO ID-1/CR-80 size cards
        - .009 in. to .0555 in. (.2286 mm to 1.397 mm)
        - .03 in. optional for rewritable cards
    - Supplies
        - Datacard® Certified Supplies featuring Intelligent Supplies Technology™
            - Automatic ribbon identification and validation
            - Automatic printer settings and offsets
            - Low ribbon warning
            - Ribbon saver
        - Color supply kits
            - 125 blank cards (blank or with Hi-Co magnetic stripe)
            - One ribbon (125 yield) YMCKT or ymckT short panel
            - One adhesive cleaning sleeve
            - One cleaning card
        - Ribbon kits
            - One roll of ribbon: Black HQ ribbon (500 image yield minimum)
            - One replacement cleaning sleeve
            - One isopropanol cleaning card
        - Cards
            - 125 blank white cards
            - 125 blank white cards with Hi-Co magnetic stripe
            - 100 rewritable cards with PVC back
            - 100 rewritable cards with magnetic stripe and PVC back
        - Cleaning supplies
            - Adhesive cleaning sleeve kit
            - Isopropanol cleaning card kit
            - Isopropanol cleaning pen

Datacard® SP35 Card Printer Specifications:

- RoHS Compliant
- Physical dimensions: 16. 5 in. x 7.8 in. x 9.0 in. (419 mm x 198 mm x 229 mm)
- Weight: between 8 and 9 lbs. (3.6 kg and 4.1 kg), depending upon options
- Print capabilities
  - Edge-to-edge printing
  - Continuous-tone, full-color or black-and-white photos
  - Alphanumeric text, logos, digitized signatures, fingerprints
  - Variety of bar codes
  - Background patterns
- Print resolution: 300 dpi
- Throughput
  - Full-color printing: up to 120 cards per hour with YMCKT ribbon
  - One-color printing: up to 500 cards per hour with K ribbon
- Shade count: 256 shades
- Communications: USB
- Plastic cards accepted
  - Size: 3.375 in. x 2.125 in. (85.7 mm x 54.0 mm)
  - Type: PVC with glossy laminate surface; other core materials with PVC overlaminates optional
  - Thickness
    - .01 in. to .05 in. (.25 mm to 1.30 mm); with smart card module, accommodates most proximity cards
    - .02 in. to .03 in. (.50 mm to .80 mm) with magnetic stripe or smart card module
  - Resident memory: 8 MB
  - Supplies
    - Datacard® proprietary print ribbons
    - YMCKT (three colors, true black and topcoat)
    - KT (true black with topcoat)
    - K (true black)
    - Various other colors
  - Electrical requirements
    - 100/120V, 50/60 Hz
    - 220/240V, 50/60 Hz
  - 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

Datacard® SP55 Card Printer Specifications:

- RoHS Compliant
- Physical dimensions
  - 21. 5 in. x 7.8 in. x 9.5 in. (546 mm x 198 mm x 241 mm) with 100 input hopper
  - 21. 5 in. x 7.8 in. x 11.9 in. (546 mm x 198 mm x 302 mm) with 200 input hopper
- Weight: less than 11.5 lbs. (5.3 kg) without supplies
- Print capabilities
  - Edge-to-edge printing
  - Continuous-tone, full-color or black-and-white photos
  - Alphanumeric text, logos, digitized signatures
  - Variety of bar codes
  - Background patterns
- Print resolution: 300 dpi
- Throughput
  - Full-color printing: up to 180 cards per hour (single-sided); up to 115 cards per hour (double-sided)
  - One-color printing: up to 700 cards per hour (single-sided); up to 300 cards per hour (double-sided)
- Shade count: 256 shades
- Communications: Bi-directional USB and 10 Base-T Ethernet
- Plastic cards accepted

- o Size: 3.375 in. x 2.125 in. (85.7 mm x 54.0 mm)
  - o Type: PVC with glossy laminate surface; other core materials with PVC overlaminates optional
  - o Thickness
    - .009 in. to .055 in. (.2286 mm to 1.397 mm) can pass through all options
    - .018 in. to .040 in. (.508 mm to 1.016 mm) for magnetic stripe card options
    - .027 in. to .040 in. (.6858 mm to 1.016 mm) for contacted smart card options
    - .027 in. to .040 in. (.6858 mm to 1.016 mm) for contactless smart card options
- Resident memory: 16 MB
- Supplies
  - o Datacard® proprietary print ribbons
  - o YMCKT (three colors, true black and topcoat)
  - o KT (true black with topcoat)
  - o K (true black)
  - o Various other colors
- Electrical requirements
  - o 100/120V, 50/60 Hz
  - o 220/240V, 50/60 Hz
- Operating environment
  - o 60 ˚F to 95 ˚F (15 ˚C to 35 ˚C)
  - o 20% to 80% non-condensing humidity
- Storage environment
  - o 5˚F to 140˚F (-15˚C to 60˚C)
  - o 10% to 90% non-condensing humidity

Datacard® SP75 Card Printer Specifications:

- RoHS Compliant
- Print capabilities
  - o Edge-to-edge printing
  - o Continuous-tone, full-color, black-and-white photos
  - o Alphanumeric text, logos and digitized signatures
  - o Variety of bar codes
  - o Background patterns
- Lamination and topcoat capabilities
  - o Lamination and duplex standard + Second laminator option
  - o Both topcoat or patch lamination in any laminator
  - o Printer automatically adapts to supply type
  - o Superior laminate patch coverage
  - o Energy saving idle feature
- Print resolution: 300 dots-per-inch
- Electrical requirements: Dual voltage-auto sensing
  - o 100/120V, 50/60 Hz
  - o 220/240V, 50/60 Hz
- Communications: Bidirectional USB, Ethernet
- Plastic cards accepted
  - o Size: 3.370 in. (85.6mm) x 2.125 in. (54.0mm)
  - o Type: PVC with glossy laminate surface; other core materials with PVC overlaminates are optional
  - o Thickness (+/- 10%)
    - Thickness for printing only - 0.020 to 0.050 inches (0.508 to 1.270 mm)
    - Thickness printing and laminating - 0.030 to 0.050 inches (0.762 to 1.27 mm)
    - Thickness with magnetic stripe (not laminated) - 0.020 to 0.040 inches (0.508 to 1.016 mm)
    - Thickness with magnetic stripe (laminated) - 0.030 to 0.040 inches (0.762 to 1.016 mm)
    - Thickness with smart card chip (contact) - 0.030 to 0.040 inches (0.762 to 1.016 mm)
    - Thickness with smart card chip (non-contact) - 0.030 to 0.050 inches (0.762 to 1.270 mm)
- Resident memory: 16MB
- Climate Conditions
  - o 60 to 95 degrees F (15°C to 35°C)
  - o 20% to 80% non-condensing humidity
- Storage Conditions
  - o 5°F to 140°F (-15°C to 60°C)

- o 10% to 90% - Humidity
- Datacard Certified Supplies
  - o Ribbon kits include: One print ribbon, one adhesive cleaning sleeve, and one Isopropanol cleaning card
  - o Ribbon kits available
    - YMCK (three colors, black) - up to 500 images per roll
    - YMCKK (three colors, black front, black back) - up to 500 images per roll
    - YMCKF-KT (three colors, black, florescent ultraviolet, black, topcoat)
    - YMCKT-KT (three colors, black, topcoat, black, topcoat) - up to 300 images per roll
    - YMCKT (three colors, black and topcoat) - up to 250 or 500 images per roll
    - KT (black with topcoat) - up to 1000 images per roll
    - K (black) - at least 1500 images per roll
    - Black HQ
    - Additional colors available (red, dark blue, silver, white, scratch-off gray)
  - o Cleaning supplies available
    - Isopropanol Cleaning Card
    - Adhesive Cleaning Sleeve
    - Isopropanol Cleaning Pen
  - o Storage Conditions for Datacard® Certified Supplies
    - 32 to 77 degrees F (0C to 25C)
    - 40% to 60% humidity
    - No direct exposure to sunlight
  - o Physical dimensions
    - Small Footprint 23.1" L x 9.92" W (586.74 mm L x 251.97 mm W)
    - H = 18.82" to 23.52" (478.03 mm to 597.41 mm) depending on hopper options
  - o Weight
    - Less than 27 pounds without supplies
- Shade count: 256 shades

Datacard Group

SECURE ID AND CARD PERSONALIZATION SOLUTIONS