DT-7000

SEM

Smart Embosser Machine

Customizable Card Printing Options

Biometric Authentication

Configurable Hardware

Bank Card Printing and Embossing

The Smart Embosser Machine (SEM) is an intelligent terminal designed to expedite the card issuance process. This solution can be integrated with bank card application systems to provide customers with a smooth experience when issuing new cards. Because this solution can both print and emboss characters, banks can decide to use this machine for all kinds of banking cards.

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Features

Assisted Self-Service: Customers can apply for cards online or through other application terminals. Once approved, authentication can be done with the SEM for customers to print their new cards immediately.

Increased customer throughput: Gone are the days where customers must wait several days to receive their new bank cards. Instead, the process can be streamlined at all bank branches reducing the need for counter services, which also lowers operational costs.

Cost effective solution: Banks no longer need 3rd party services to pre-print bank cards. Our standard SEM can support double-sided designs, printing, and embossing on blank bank cards.

Specifications

Operating System
• Intel® Core™ i5 CPU; 4G DDR3; 256G SSD
• Windows® 10

Interactive Unit
• Display:
  -24" video display (opt.)

Customer Interfaces
• Card reader/dispenser:
  -Motorized card reader
  -Contactless smart card reader (opt.)
  -EMV 4.0 Level 1 compliant
  -IC/magnetic card dispenser
  -Card dispenser capacity: max. 160x3 pcs
  -Retract card capacity: max. 18x3 pcs
  -Card return on power failure
• Card printer/embosser:
  -Thermal Dye
  -Font: Gothic (26 letters/0-9 digits)
  -Double-sided printing
  -200-600 cards (100 cards/hopper)
  -Gold or silver embossed tipping
  -Printed card storage capacity: 500 (opt.)
• Barcode reader:
  -Supports barcode and QR code reading
• Biometric units:
  -Fingerprint reader (opt.)
  -Finger vein reader (opt.)
  -Face recognition (opt.)
• Proximity detector (opt.)

Working Environment
• Temperature:
  -Indoor: 32℉(0 ℃) to 122℉(50℃)
• Relative humidity: 20% to 80% non-condensing

Features	Economic	Standard
Facial Recognition	Yes	Yes
Bank Card Reader	Yes	Yes
RFID Card Reader	Yes	Yes
Barcode Scanner	Yes	Yes
Card Text Embossing	Yes	Yes
Back Sided Printing	Yes	Yes
Magnetic Stripe Printing	No	Yes
Double Sided Design Printing	No	Yes
Receipt Printing	No	Yes
Card Design Printing	No	Yes
Fingerprint Authentication	No	Yes
EPP Keypad	No	Yes
Printed Card Storage	No	Yes

Specifications are subject to update without prior notice.
Please consult GRGBanking or its representative for the latest information.