Evolis Card Printer

• Color printing module and laminating unit
• 300 dpi print head (11.8 dots/mm)
• USB & Ethernet TCP-IP connection
• 16 MB RAM allowing two card storages (front & back)
• Flip-over station for dual-sided printing or laminating
• Detachable feeder with a capacity of 100 cards (0.76 mm or 30 mil)
• Output hopper with a capacity of 100 cards (0.76 mm or 30 mil)
• Reject box for 15 cards (0.76 mm or 30 mil)
• Two-line LCD display and a status LED
• Locking system to secure access to blank cards, ribbons, films and rejected cards
• Support for a Kensington® locking system

PRINT MODE
• Color dye sublimation and monochrome thermal transfer
• Enhanced color management system for top quality pictures
• Dual-sided and edge-to-edge printing

LAMINATION MODE
• Full card varnish and patch films
• Dual-sided lamination
• Speed range: 2 mm/s to 18 mm/s (0.08 inch/s to 0.71 inch/s)
• Temperature range: 100° C to 180° C (212° F to 356° F)

PRINTING AND LAMINATING SPEED
Personalization throughput will depend on card design and lamination speed settings.
• YMCK-K, 1.0 mil patch single-side - 180 to 200 cards/hour
• YMCK, 1.0 mil patch single-side - 95 to 120 cards/hour
• YM CK-O-K , 1.0 mil patch single-side - 85 to 105 cards/hour
• YMCK-O, 1.0 mil patch single-side - 70 to 90 cards/hour

SUPPLIED SOFTWARE
• uMedia Card Designer Software for designing and editing badges
• Compatible with Windows™ XP, Server 2003 and Vista 32 & 64 bits
• Connection to Microsoft™ Excel databases

RIBBON TYPES FOR THE PRINTER MODULE
• 2-panel KD black monochrome ribbon - 100 cards/roll
• 6-panel YMCKO color ribbon - 200 cards/roll
• 6-panel YM CK-K color ribbon - 200 cards/roll
• Half-panel YM CKO monochrome ribbon - 400 cards/roll
• Monochrome ribbons - up to 1000 cards/roll (black, red, green, blue, white, gold and silver)

FILM TYPES FOR THE LAMINATOR MODULE
• Generic thin holographic overlay film, full card surface - 400 cards/roll
• Clear patch 1 mil film - 200 cards/roll
• Clear patch 0.6 mil film - 200 cards/roll
• Special patches and thin overlay films upon request

OPTIONS
• Encoding options (can be combined)
  • Magnetic strip encoder: ISO 7811 14C/LoCo or JIS2
  • Smart contact station: ISO 7816-2
  • Smart contact station and encoding unit: PC/SC, EMV 2000-1
  • Contactless encoding unit: ISO 14443A, B, ISO 15693, Mifare, DesFire, HID ICCLASS
  • Other types upon request
• 100-card additional feeder: red, blue, green
• 2-panel KD black monochrome ribbon - 500 cards/roll

WARRANTY
Use Evolis Genuine products for best performance and extended lifespan of your printer.
• Printer, lamination module, print head, and lamination hot roller: a 2-year warranty with a maximum of 100 000 inserted cards, which ever comes first*

* Subject to observance of specific conditions and use of Evolis genuine consumables.

Card types
• All PVC, Composite PVC cards
• ISO CR-80 - ISO 7810 (53.98 mm x 85.60 mm - 3.375” x 2.125”)
• From 0.25 mm (10 mil) to 1 mm (40 mil)
• No lamination under 0.50 mm (20 mil), recommended from 0.76 mm (30 mil min.)
• 100 cards (0.76 mm - 30 mil)
• 100 cards (0.76 mm - 30 mil)
• 15 cards (0.76 mm - 30 mil)
• 150 cards (0.76 mm - 30 mil)
• 100 card hopper: Lenght: 622.7 mm (24.5") - Width: 262.16 mm (10.32") - Height: 274.64 mm (10.81")
• With card hopper: Lenght: 658.2 mm (25.9")
• 15.4 Kg (33.15 Lbs)
• USB (cable supplied) and Ethernet TCP-IP ports
• Power supply: 100-240 V AC, 50-60 Hz, 2 A
• Printer: 24 V DC, 6.25 A
• Maximum operating temperature: 15° / 30° C (59° / 86° F) / 84° F)
• Humidity: 20% to 65% non-condensing
• Min/Max storage temperature: -5° / +70° C (23° / 158° F)
• Storage humidity: 20% to 70% non-condensing
• Operating ventilation: free air

Operating environment:
• Suggested environment (optimal performance and extended lifespan)
  • Card printer: M in/M ax operating temperature: 15° / 30° C (59° / 86° F)
  • Humidity: 20% to 65% non-condensing
  • Min/M ax storage temperature: -5° / +70° C (23° / 158° F)
  • Storage humidity: 20% to 70% non-condensing
  • Operating ventilation: free air

Other types upon request
• Contactless encoding unit - IS O 14443A, B, ISO 15693, Mifare, DesFire, HID ICCLASS
• Other types upon request

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The Securion is a one-stop solution for personalizing and laminating secure badges on-site. The printer seamlessly scales to meet growing concerns about security and data forgery, while greatly extending the lifespan of any card.

The compact printer offers dual-sided operations on both the color-printing module and the lamination station. A protection film is applied over the surface with hot roller technology, after the graphical and electrical personalization process. The film is either a continuous layer of varnish or a patch. Editing and encoding a secure badge is just a matter of a single pass.

Technical specifications:
- **Color printing engine**: Optimizes graphical quality and provides best-in-class performance, making the Securion the most promising printer in the market.
- **Foolproof security**: Results from a Kensington® anti-theft system, password protection, and a centralized locking system to protect consumables (cards and ribbons).
- **Highly sophisticated encoding options**: Can personalize any card, even the more advanced ones.
- **Cutting-edge lamination station**: Applies any type of film: patch or varnish, holographic or regular, to guarantee flawless protection of your badges.

**Advanced and flexible encoding options**
- Securion supports the most advanced encoding options:
  - ISO 7811 HiCo/LoCo or JIS magnetic encoders.
  - Contact stations with or without encoders for smart cards, ISO 7816-2.
  - Encoders for contactless cards, compliant with the ISO 14443 A and B, Mifare, Desfire, HID iCLASS and ISO 15693 standards.
  - All options can seamlessly be combined to meet specific requirements.

**Extensive range of applications**
- **Governmental applications**: Identity cards, driving licenses, welfare and health cards.
- **Security and identification applications**: At companies, harbors and airports, schools and universities.
- **And for all applications that require fraud-proof identification and high resilience**.