

# SECURI

The dual-sided card printer to  
personalize & laminate secure badges



Color &  
Monochrome  
Thermal  
Transfer



Lamination  
Station



300 dpi



Dual-Sided  
Printing &  
Lamination



100 cards



2 years

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[www.evolis.com](http://www.evolis.com)

# SECURIOn A secure way to experience advanced technologies



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.

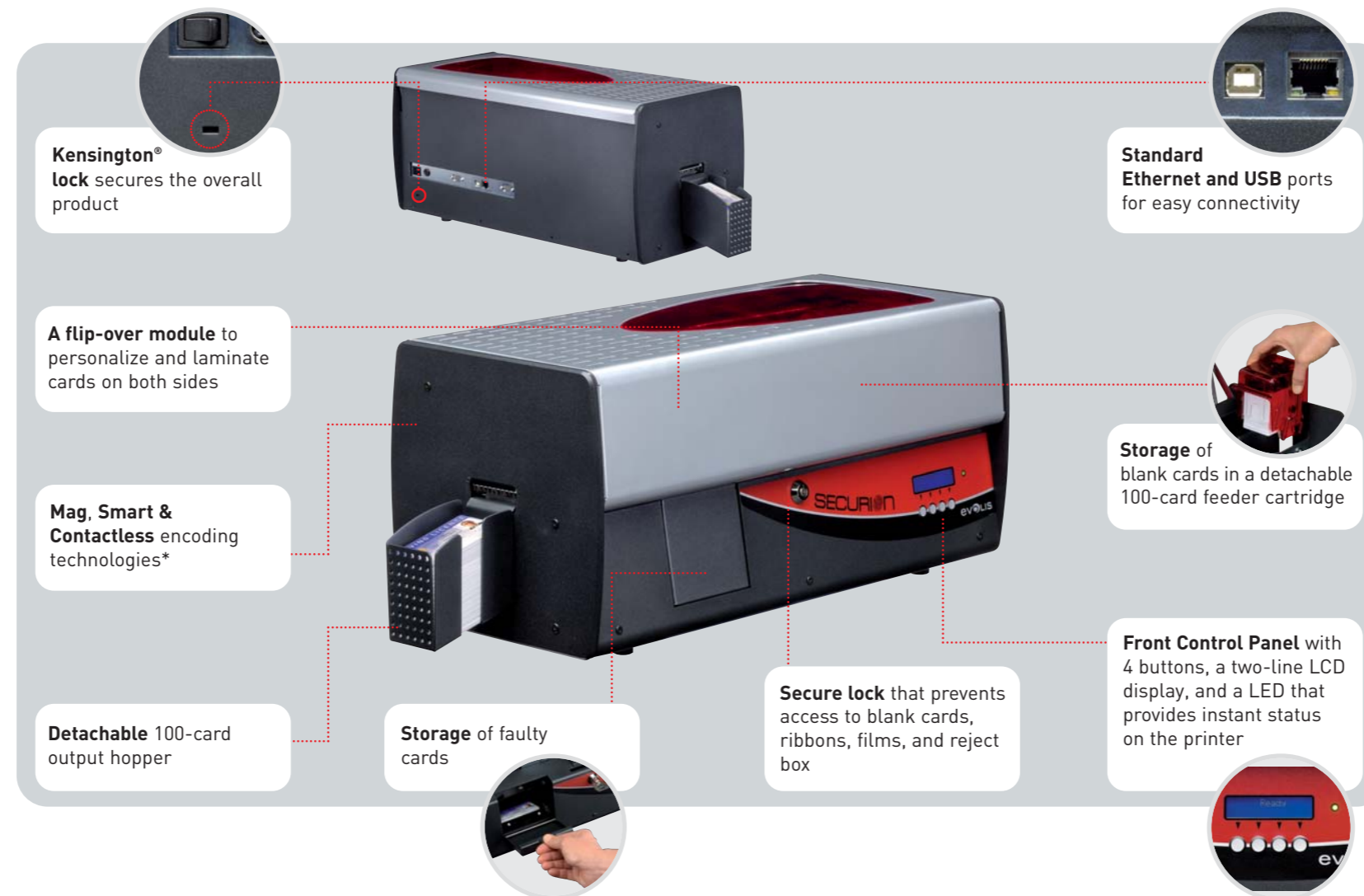
## Advanced and flexible encoding options

Securion supports the most advanced encoding options

- ➔ ISO 7811, JIS2 magnetic encoders in HiCo and LoCo.
- ➔ 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, and HID ISO 15693 standards.
- ➔ All options can seamlessly be combined to meet specific requirements.

## Technological edge to meet security requirements

- ➔ Securion's color printing engine optimizes **graphical quality** and provides **best-in-class performance**, which makes the Securion the most promising printer in the market.
- ➔ Securion's **foolproof security** results from a Kensington® anti-theft system, password protection, and a centralized locking system to protect consumables (cards and ribbons).
- ➔ Securion's highly sophisticated encoding options can personalize **any card, even the more advanced ones**.
- ➔ Securion's cutting-edge lamination station applies **any type of film**: patch or varnish, holographic or regular, to **guarantee flawless protection of your badges**.



## Trust only Evolis Genuine Products

Look for the 'Evolis Genuine Product' logo to benefit from customized high-end consumables.

### Printing ribbons

- ➔ Maximize quality of pictures and color textures.
- ➔ Also come in half panel format for best performance-to-price.
- ➔ A valuable asset for printing high-quality badges.

### Lamination films

- ➔ Two types of films can be applied: a layer of **varnish or a patch**.  
*Use patches for protection of badges over three years.*
- ➔ Add **holographic elements** to fight and prevent frauds.  
*Evolis offers hologram personalization to fit all market needs: from single to multiple holographic elements, from simple identification to the highest level of protection.*

## Extensive range of applications

Securion personalizes and durably protects secured badges in every conceivable security application, from simple ID cards to fraud-proof security:

**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**



## PRINTER SPECIFICATIONS

- 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)

## PRINT AND LAMINATING SPEED

Personalization throughput will depend on card design and lamination speed settings

- YMCK-K, 1.0 mil patch single-side - 85 to 105 cards/hour
- YMCK, 1.0 mil patch single-side - 95 to 120 cards/hour

## SUPPORTED PLATFORMS

- Windows™ XP, 2003 and Vista, 32 & 64 bits

## RIBBON TYPES FOR THE PRINTER MODULE

- 2-panel KO black monochrome ribbon - 500 cards/roll
- 5-panel YMCKO color ribbon - 200 cards/roll
- 6-panel YMCKO-K color ribbon - 200 cards/roll
- Half-panel YMCKO color ribbon - 400 cards/roll
- Monochrome ribbons - 1,000 cards/roll: available in 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 stripe encoder ISO 7811 or JIS2 - HiCo/LoCo
  - 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 iCLASS
  - Other types upon request
- 100-card additional feeder: Ruby, Lagoon, Glacier

## 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

### Card format

### Card thickness

### Card feeder capacity

### Card output hopper capacity

### Printer size

### Printer weight

### Connections

### Electrical

### Environmental

- 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)
- Without card hopper: L 562.7 mm x W 262.16 mm x H 274.64 mm (L 22.15" x W 10.32" x H 10.81")  
With card hopper: L 658.2 mm x W 262.16 mm x H 274.64 mm (L 25.91" x W 10.32" x H 10.81")
- 15.4 Kg (33.15 Lbs)
- USB and Ethernet ports (USB Cable supplied)
- 110-230 Volts AC, 60-50 Hertz
- Min/Max operating temperature: 15° / 30°C (59° / 86° 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



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## EUROPE, MIDDLE EAST, AFRICA

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