

**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 (30 mil or 0.76 mm)
- Output hopper with a capacity of 100 cards (30 mil or 0.76 mm)
- Reject box for 15 cards (30 mil or 0.76 mm)
- 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: 212° F to 356° F (100° C to 180° C)

**PRINTING 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, Server 2003 and Vista 32 & 64 bits

**SUPPLIED SOFTWARE**

- eMedia 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 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 - 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 stripe encoder ISO 7811 HiCo/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 iCLASS
  - Other types upon request
- 100-card additional feeder: red, blue, green

**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
- Reject box capacity
- Printer size

- Printer weight
- Connections
- Electrical
- Environmental

- All PVC, Composite PVC cards
- ISO CR-80 - ISO 7810 (3.375" x 2.125" - 53.98 mm x 85.60 mm)
- From 10 mil (0.25 mm) to 40 mil (1 mm)
- No lamination under 20 mil (0.50 mm), recommended from 30 mil (0.76 mm min.)
- 100 cards (30 mil - 0.76 mm)
- 100 cards (30 mil - 0.76 mm)
- 15 cards (30 mil - 0.76 mm)
- Length: 22.15" (562.7 mm) - Width: 10.32" (262.16 mm) - Height: 10.81" (274.64 mm)
- With card hopper - Length: 25.91" (658.2 mm)
- 33.15 Lbs (15.4 Kg)
- 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
- Min/Max operating temperature: 59° / 86° F (15° / 30° C)
- Humidity: 20% to 65% non-condensing
- Min/Max storage temperature: 23° / 158° F (-5° / +70° C)
- Storage humidity: 20% to 70% non-condensing
- Operating ventilation: free air



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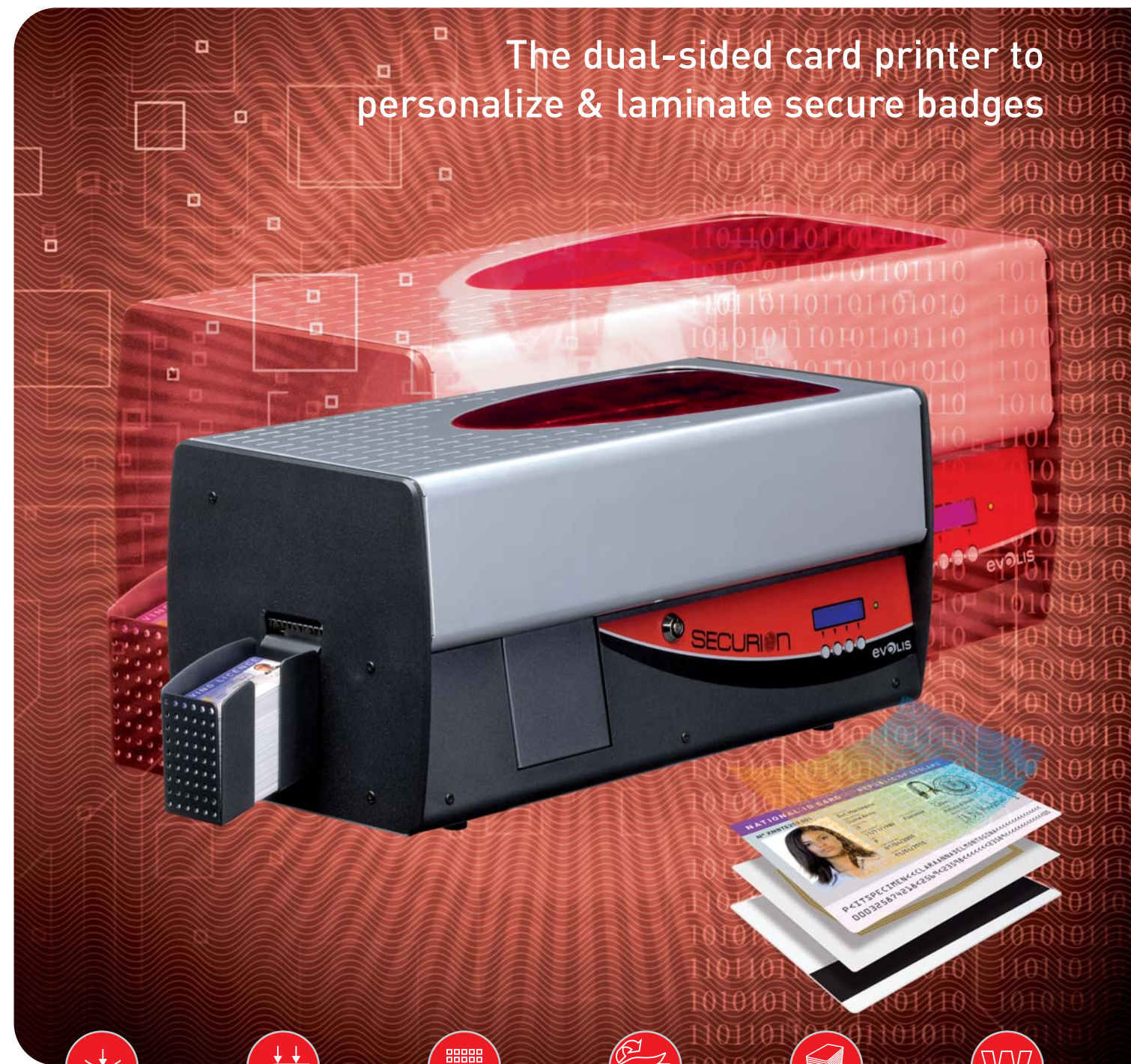
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**SECURION**

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



Color & Monochrome Thermal Transfer



Lamination Station



300 dpi



Dual-Sided Printing & Lamination



100 cards



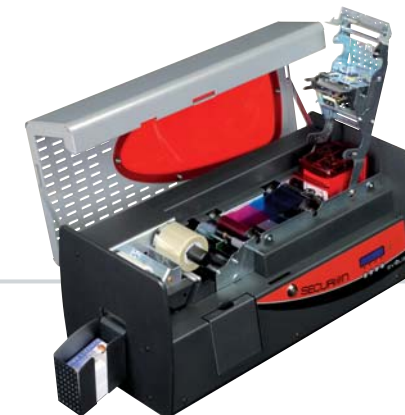
2 years

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# 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.

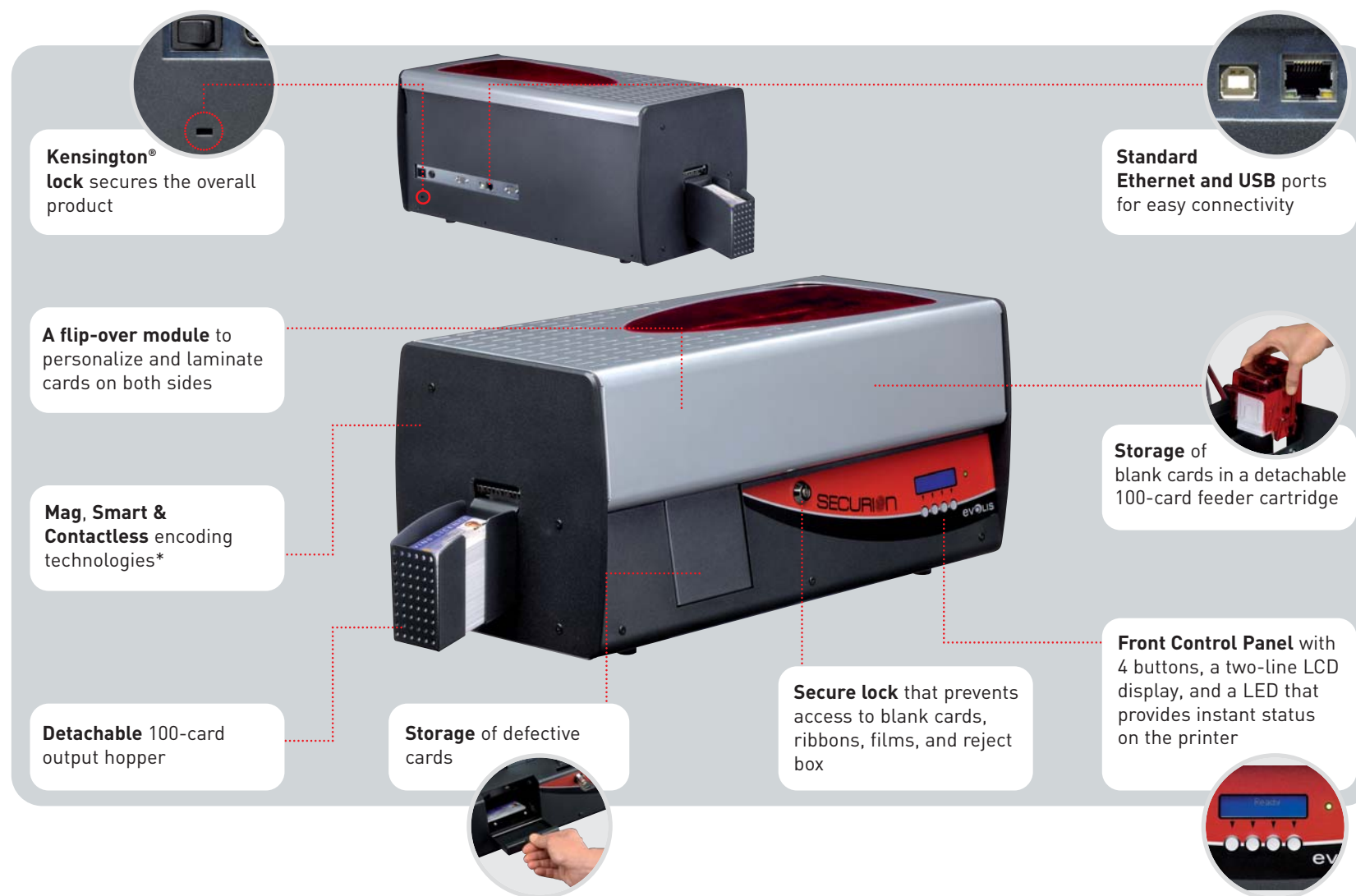
## Advanced and flexible encoding options

Securion supports the most advanced encoding options:

- ➔ ISO 7811 HiCo/LoCo or JIS2 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.

## 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**.



**evolis**  
genuine product

## Consumables for enhanced performance

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**

