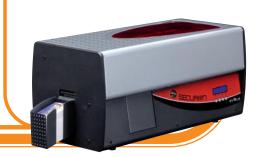
Badges that secure your **IDeas!**

Printing and laminating solution for highly secure badges





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

The printer offers dual-sided operations on both the color-printing module and the lamination station. The badge is first processed through graphical and electrical personalization. Then, a protection film, in the format of a varnish or a patch, is applied by a hot roller over the full card surface. Printing, encoding and laminating a secure badge are carried out in a single pass.

APPLICATIONS

Securion personalizes and issues durable, tamperproof ID cards:

- ID cards
- Driver's licenses
- Health insurance cards
- Access control badges



BENEFITS

■ Secure badges that last

Securion's next-generation lamination station applies a varnish or patch-based protection film, and also manages holograms whenever required. Securion provides premium protection for badges, when it comes to security and durability.

Stunning graphics

Securion comes with the leading dual-sided and color printing module in the market, to match top-quality graphics with striking performances.

■ Versatile encoding options

Securion supports advanced encoding options that can all be combined to cater to any specific encoding requirement, including the most sophisticated.

■ Highly secure operation

Securion deploys additional layers of security to guarantee safe operation: a central locking system that prevents access to consumables (cards and ribbons), a password-based access to the machine and a slot for a Kensington® anti-theft system.

TOP QUALITY TECHNOLOGY AT AN AFFORDABLE PRICE POINT

Securion's technology is unique: PVC cards are laminated with no damage or distortion as a result. This solution provides an attractive cost per card, greatly extends the lifespan of cards and offers foolproof security. Securion also supports the composite cards required for advanced and complex applications such as driver's licenses.

NEW AND HIGHLY SECURED LAMINATION FILMS

To cater to expanding requirement in card security, Evolis offers an extended range of films, from basic varnish protection to patches with embedded holograms that raises the security.





SECURION Technology that serves security

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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 storage devices (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)
Laminate film loading cassette

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 RoHS compliant

PRINT MODE Color dye sublimation and monochome thermal transfer

Enhanced color management system for top quality pictures Edge-to-edge printing Dual-sided 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)

ENCODING OPTIONS & ACCESSORIES

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

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 (black, red, green, blue, white, gold and silver)

FILM TYPES FOR THE LAMINATION MODULE

Generic thin holographic overlay film, full card – 350 and 400 cards/roll
Clear patch 1 mil film – 200 cards/roll
Clear patch 0.5 mil film – 200 cards/roll
Alternate patch Front/ Back 0.5 and 1.0 mil – 100 cards/roll
Special patches and thin overlay films upon request: holograms, security inks, custom cutting

PRINTING AND LAMINATING SPEED

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

CARD FORMAT

■ ISO CR-80 - ISO 7810 (53.98 mm x 85.60 mm - 3.375" x 2.125")

CARD TYPE

All PVC, Composite PVC cards
 Lamination on regular PVC card, recommended with 0.5 mil patch or thin varnish

CARD THICKNESS

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.)

RESIDENT FONTS

Arial 100, Arial bold 100Barcode - Code 39, 2/5 interleaved, Code 128, EAN13

SUPPORTED PLATFORMS

Windows[™] XP and Vista 32 & 64 bits
 Other Windows[™] versions, Macintosh[™] OS X, Linux upon request

SUPPLIED SOFTWARE

eMedia Card Designer Software for designing and editing badges (30-day trial version):
 Compatible with Windows™ XP, Server 2003 and Vista 32 & 64 bits
 Connection to Microsoft™ Excel databases

INTERFACE

USB and Ethernet TCP-IP (USB cable supplied)

PRINTER FORM FACTOR

■ Without card hopper: $274.64 \, \text{mm}$ (10.81") (H) x 562.70 mm (22.15") (L) x 262.16 mm (10.32") (W) ■ With card hopper: $274.64 \, \text{mm}$ (10.81") (H) x 658.20 mm (25.91") (L) x 262.16 mm (10.32") (W)

PRINTER WEIGHT

POWER SUPPLY

Power supply: 100-240 V AC, 50-60 Hz, 2 APrinter: 24 V DC, 6.25 A

15.4 Ka (33.15 Lbs)

ENVIRONMENTAL CONDITIONS

WARRANTY

Min/Max operating temperature: 15° / 30° C (59° / 86° F) Humidity: 20% to 65% non-condensing Min/Max storage temperature: -5° / $+70^{\circ}$ C (23° / 158° F) Storage humidity: 20% to 70% non-condensing Operating ventilation: free air 2 years (printer, lamination module, print head and lamination hot roller), or 100,000 inserted, cards whichever comes first $^{(1)}$

👊 Warranty Subject to observance of specific conditions and use of Evolis High Trust® consumables

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