EDIsecure ® ILM-LS and ILM-DS Inline Lamination Modules

- Fastest card lamination modules in its class with very small footprint

- ILM-LS for single-sided lamination with one cartridge (lower side)

- ILM-DS for simultaneous dual side lamination using two cartridges

- Electronic security lock to secure access to supplies

- User-friendly front-loading system makes changing of supplies fast and simple

- High capacity lamination foils (patch and overlay) reduce operator interaction

- "Jumbo Patches" provide for almost up to the edge lamination of durable patch materials

- Enables user to apply a range of *EDIsecure®* clear and secure laminates to extend card life and enhances security

- Custom design and generic holographic foils are available to combat fraud and counterfeiting

Responding to the growing demand for durable and secure, tamper-resistant cards, we have developed the most flexible and fastest lamination program on the market. The *EDIsecure®* Inline Lamination Modules help to meet the demanding needs of applications such as secure employee and visitor card, driving license or national ID. The compact *EDIsecure®* Inline Lamination Module ILM-LS offers an enormous flexibility to accommodate total cost, throughput requirements, and reliability. With applying *EDIsecure®* clear and secure laminates on the card, which includes patches with chip cut-out, the surface will be protected against physical damage and the card life extended. Custom design or generic holographic foils help to protect the cards against tampering. Due to the portrait mode lamination a very high lamination speed of 16 seconds per card (single side) can be achieved.

The ILM-LS can be combined easily for inline lamination with the *EDIsecure®* *X*ID 8300 Retransfer Printer, simply attach the unit with the appropriate joining plate to the printer – that's it. Communicating via infrared interface, the lamination parameters for the various card materials are controlled by the printer driver. This allows the use of the laminator with all card materials, including PVC, Composite PVC, ABS, PET, and even Polycarbonate for longest card life. The laminator has a Kensington lock as well as an electronic security lock for the front door to secure the access to the supplies.

The laminator is also available as ILM-DS for simultaneous dual side lamination, which eliminates the need for an external flipper unit and speeds up the lamination process. Equipped with two lamination cartridges and separate temperature control of the upper and lower heat roller, even different laminates can be applied to the card at the same time.

THERE IS ONE FOR EVERYBODY

FEATURES:

- Space saving, compact design with portrait more lamination
- Card lamination single- or double-sided (depending on used model)
- Convenient control of lamination parameters via printer driver
- Highest positioning accuracy through adjustable laminate position in all 4 directions
- User-friendly front-loading of supplies with quick change of laminate cartridge
- A significant number of *EDIsecure®* clear and secure laminates is available
- Lockable front door and Kensington lock for utmost security
- Field upgradeable for use with *EDIsecure® X*ID 8300 Retransfer Printer
- ILM-DS provides simultaneous dual side lamination at the same small footprint as the ILM-LS
- Temperature of upper and lower heat roller can be set separately (ILM-DS)
- ILM-DS can be also used with the *X*ID 93xx Printer Series (in preparation)

SUPPLIES:

- *EDIsecure®* Overlay Ribbon with generic 2-D design
- *EDIsecure®* Customized Overlay Ribbon
- *EDIsecure®* Clear Patch Ribbon 0.013 mm
- *EDIsecure®* Clear Patch Ribbon 0.025 mm
- *EDIsecure®* Clear Patch Ribbon 0.013 mm with ISO Contact Chip Cut-Out
- *EDIsecure®* Holographic Patch Ribbon with generic 2-D Design 0.015 mm and 0.0254 mm
- *EDIsecure®* Customized Holographic Patch Ribbon 0.015 mm and 0.0254 mm

CONFIGURE YOUR CARD IDENTITY SYSTEM, ASK FOR:

- *EDIsecure® X*ID Retransfer Printers for printing with inline lamination
- *EDIsecure®* Card Management Software Suite
- *IDExpert®* Identity Management Solutions
- *EDIsecure®* Image Capture Modules
- *EDIsecure®* Image Enhancement Software
- *EDIsecure®* Card Materials

SPECIFICATIONS OF ILM-LS AND ILM-DS

Lamination Method	Thermal transfer
Lamination Mode	Single-sided with ILM-LS Double-sided (simultaneously) with ILM-DS
Lamination Speed	16 – 30* seconds per card (single- or double-sided)
Speed Settings	3 mm/s – 12 mm/s
Temperature Settings	90°C – 180°C adjustable in 5°C steps
Card Materials	PVC, Composite PVC, ABS, PET, and Polycarbonate Cards of ISO ID-1/CR-80 size, 85.60 x 53.98 mm
Card Thickness	0.76 mm
Dimensions (WxDxH) Weight	210 x 326 x 360 mm ILM-LS: 7.5 kg ILM-DS: 9.0 kg
Power Supply	100/120 V and 220/240 V, 50/60 Hz GOST-R, CE, and UL approved
Operating Environment	15°C to 30°C, 35% to 70% non-condensing humidity

* Depending on card type

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