INLINE LAMINATION MODULE

ILM-LS/DS

MATICA
TECHNOLOGIES

ILM-LS/-DS
INLINE LAMINATION MODULE

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. Equipped with two lamination cartridges and separate temperature control of the upper and lower heat roller, even diffe-rent laminates can be applied to the card at the same time. A special version of the ILM-DS can be combined with the *EDIsecure®* DCP 360+ Direct Card Printer and *X*ID 93xx Retransfer Printers.

TECHNICAL SPECIFICATIONS

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
210 x 326 x 360 mm (WxDxH)
Weight
ILM-LS: 8.1 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

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