ILM-LS/DS

High speed lamination modules

Utopia license

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VALID FROM:
01/01/2018

VALID UNTIL:
01/01/2045

SIGNATURE:

Increase card durability and security with Matica's Inline Laminating Modules (ILM)

Lamination can be used as a premium security measure to upgrade the level of forgery protection whilst also increasing the lifetime of the cards. The **ILM** has been configured to be significantly faster and more cost-effective, due to its modern industrial design.

It works with both clear laminates (for durability) as well as holographic laminates (for security) for maximum issuance flexibility. The ILM-LS model is for high speed **single-sided lamination**, while the ILM-DS takes care of **dual-sided lamination** requirements. The ILM is the fastest laminating desktop module available on the market, with a speed of 16 seconds per card for single-sided and 30 seconds per card for dual-sided lamination.

Enhancing card security

Cards are laminated with the ILM by using a heat-sealing film. This film can contain holographic and other Visual Security Elements (VSEs) for enhanced protection. Matica offers a range of standard holographic designs in both patch laminate and continuous film formats. For the ultimate security protection, organisations can opt for a customized holographic laminate with VSEs that are unique to them – this approach is often adopted for government secure documents such as driving licenses and national ID cards.

■ ILM-LS/DS delivers...

▸ High-speed lamination – 16s per side
▸ Connects seamlessly to XID8300 and 8600 printers
▸ Optional key locks and Kensington lock

■ Ideal for...

▸ Increasing card durability and security
▸ National ID cards
▸ Driving licenses

Lamination speed	Lamination speed	Lamination mode	Secure ribbon
16s single-sided	30s dual-sided	Single or dual-sided	Options

Key-lock	Custom hologram	Warranty
Security option	Overlaminate	**2** YEARS

ILM-LS/DS

◤ Specifications

Method
• Halogen lamp

Mode
• Single-sided with ILM-LS
• Dual-sided with ILM-DS

Lamination area
• 53.98 x 85.6mm / 3.370" x 2.125" (CR-80 cards)

Lamination speed
• 16-30s per card (single-sided or dual-sided)

Speed settings
• 3 mm/s – 12 mm/s

Temperature settings
• 90°C - 180°C adjustable in 5°C steps

Laminator security
• Support for Kensington security lock

Dimensions (HxWxD)
• 326 x 210 x 360 mm (12.8" x 8.2" x 14.1")

Weight
• ILM-LS: 8.1 kg (17.8lbs)
• ILM-DS: 9.0 kg (9.8lbs)

Power supply
• 220-240V/110-115V, 50-60 Hz
• Standby mode and reduced power consumption

Operating environment
• Temperature: 15ºC - 30ºC, 59°F - 86°F
• Humidity: 30% - 70% (non-condensing)

Certifications
• RoHs, CE, FCC, CQC, UL, WEEE,
  Proposition 65 (California, USA)

Warranty
• 2 year (subject to the use of chromXpert®
  laminates)

◤ Card specifications

Card thickness
• 0.76 mm

Card size
• ISO ID-1/CR-80 size, 85.60 x 53.98 mm

Card types
• ABS, PET, PVC, Polycarbonate

◤ Options

Lamination
• Dual-sided lamination

Security
• Key locks

◤ Consumables

chrom**X**pert

• Supply cores and cassettes are recyclable. Packaging is recycled.

Type	Laminate	Capacity	Part No
Clear	0.5mil clear patch	550 prints	PR20808406
Clear	1.0mil clear patch	550 prints	PR20808401
Clear	Clear thin overlay	1250 prints	PR20808500
Standard holographic	0.6mil holographic patch with generic "Secure A" design	550 prints	PR20808412
Standard holographic	1.0mil holographic patch with generic "Secure A" design	550 prints	PR20808415
Standard holographic	0.6mil holographic patch generic "Secure A" with chip cut-out	550 prints	PR20808416
Standard holographic	Thin holographic overlay with generic "Secure A" design, in registration	1000 prints	PR20808503
Standard holographic	0.6mil holographic patch with generic "Secure B" design	550 prints	PR20808413
Standard holographic	Thin holographic overlay with generic "card waves" design	1250 prints	DIC10176
Customized holographic	0.6mil customized holographic patch	550 prints	PR20808411
Customized holographic	0.6mil customized holographic patch with chip cut-out	550 prints	PR20808416
Customized holographic	1.0mil customized holographic patch	550 prints	PR20808410
Customized holographic	1.0mil customized holographic patch with chip cut-out	550 prints	PR20808417
Customized holographic	Customized thin holographic overlay (continuous)	1250 prints	PR20820502
Customized holographic	Customized thin holographic overlay (registered)	1000 prints	PR20820504

MATICA GROUP

Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: South Carolina HQ, Minneapolis

Middle East: Dubai

Authorized reseller / System integrator