S4200LX

Industrial quality laser engraving, on your desktop

National Identity Card

UTOPIA UTOPIA UTOPIA

1234567890

SURNAME: **Smith**

GIVEN NAMES: **Helen**

SEX: **F**

NATIONALITY: **Utopian Citizen**

DATE OF BIRTH: **04/10/1995**

PLACE OF BIRTH: **Anywhere**

DATE OF ISSUE: **01/01/2015**

HOLDER'S SIGNATURE:
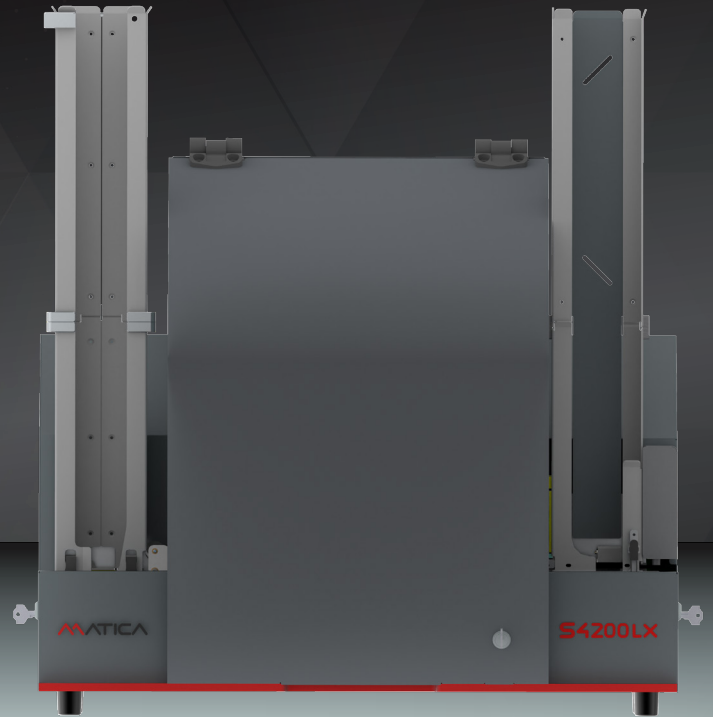
DATE OF EXPIRY: **01/01/2045**

Flat card laser engraving, for distributed secure ID issuance programmes

The **S4200LX** is the best-in-class engraving solution for decentralized on-site ID card issuance. This compact system uses the proven **state-of-the-art laser** source used in Matica's industrial laser engravers for volume issuance.

It is ideal for distributed issuance of **highly secure**, polycarbonate-based ID cards with embedded security features such as micro-text, tilted image/text and transparent-opaque elements.

Its advanced laser source, combined with a dual module architecture provides a compact, efficient package to meet the most demanding issuance requirements in terms of flexibility, performance and **engraving quality**, from your desktop.

S4200LX delivers...

- ▶ 10W fiber laser
- ▶ Up to 1000 color cards per hour
- ▶ Security features - including dual-side marking, tilted image, micro text, multiple encoding options
- ▶ Versatility - 600 card feeder and 600 card stacker, vector laser and TrueType® fonts
- ▶ Robust, reliable build quality
- ▶ Can personalize metal coated cards and multiple composite plastics
- ▶ 1 year warranty

Ideal for

- ▶ Low to mid volume distributed issuance schemes
- ▶ National Identification cards
- ▶ Drivers licenses
- ▶ Other government ID
- ▶ Gun and firearms licenses

Laser resolution	1000 cph	10W	CLI / MLI	Fonts
1200dpi	Laser	Fiber laser	Marking	Vector laser / TrueType®

x1 card feeder	x1 card stacker	Maticard Pro®	Encoding	Ethernet
600 card feeder	600 card stacker	Production software	Options	

MATICA GROUP

S4200LX

Printer specifications

Laser technology

10W fiber laser GEN 2

Laser resolution

1200dpi

Laser print area

56 x 88mm over-the-edge (CR-80 cards)

Laser speed

1000 cph (single-side, batch)

Laser mode

Single or dual-sided (optional)

Communications interface

USB 2.0
Ethernet

Printer dimensions (HxWxD) / Weight

630 x 690 x 700 mm (25" x 27" x 28")

Printer Weight

45kg (99lb) Dependant on configuration

Standard printer security

Support for Kensington® security lock

Power supply

100-240V AC, 50-60Hz, 600W

Operating environment

• Temperature: 15ºC - 30ºC, 59ºF - 86ºF
• Humidity: 30% - 70% (non-condensing)

Storage conditions

• Temperature: -5ºC to 70ºC, 23ºF to 158ºF
• Humidity: 20% to 70% (non-condensing)

Sound (ISO 7779)

Sound pressure less than 48dB (A)

Certifications

RoHS, CE, WEEE, Proposition 65, UL Laser Chamber

Warranty

1 year

Card specifications

Input hopper capacity

600 cards (0.76 mm / 30 mil thickness)

Output hopper capacity

600 cards

Card thickness

0.25 mm - 1.25 mm / 10 mil - 50 mil

Card types

Polycarbonate, PVC, PVH, ABS, coated metal

Software specifications

Integration tools

• EDIsecure® middleware
• SDK available for system integrators

Options

Magnetic stripe encoding

ISO 7811 HiCo/LoCo, JIS2 (factory fit option)

Smart card / Contactless encoding

• Contact PC/SC, EMV compliant
• Smart contact station: ISO 7816-2
• ISO14443A, B, ISO15693, MIFARE®, DESFire®,
  HID iClass®

Communications interface

Ethernet 10BaseT, 100BaseT (factory fit option)

Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: South Carolina HQ, Minneapolis

Middle East: Dubai

Authorized reseller / System integrator

S4200LX Datasheet A4 ENG V2