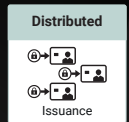
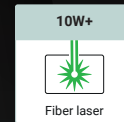
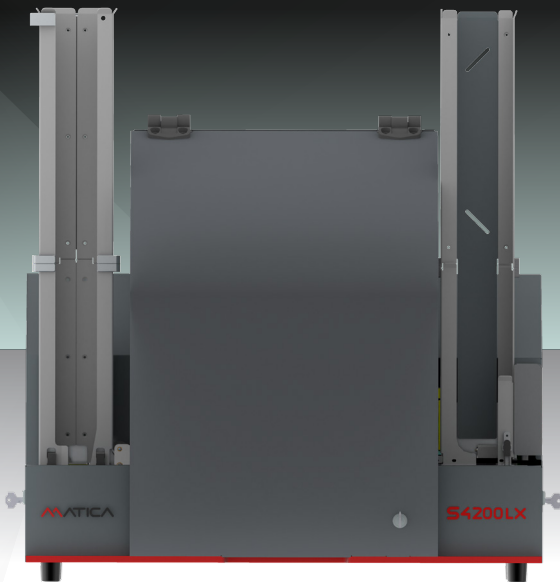


S4200LX



Industrial quality laser engraving, on your desktop



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.

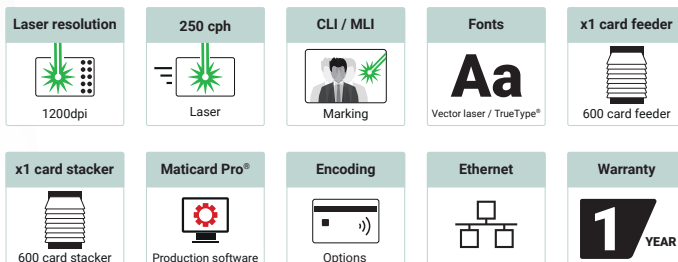


■ S4200LX delivers...

- ▶ 10W+ fiber laser
- ▶ Up to 250 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



S4200LX

Printer specifications

Laser type

- Master Oscillator Power Amplifier (MOPA) fiber laser

Laser output

- 10W+

Laser resolution

- 1200dpi

Laser print area

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

Laser speed

- 250 cph (single-side, batch)

Laser mode

- Single and/or dual-sided

Functions

- Micro characters
- Barcodes and QR codes
- Optical Character Recognition (OCR)

Security marking

- Changeable Laser Image (CLI)
- Multiple Laser Image (MLI)
- Micro text
- Tilted image/text
- Transparent-opaque elements

Card transport system

- Non-belt

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: 15°C - 30°C, 59°F - 86°F
- Humidity: 30% - 70% (non-condensing)

Cooling system

- Air cooling

Storage conditions

- Temperature: 5°C to 70°C, 23°F to 158°F
- 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

- Maticard Pro
- SDK available for system integrators

Card production software

- Card layout
- Production engine
- Production tracablilty through audit log file

Operating system

- Windows 10, 11

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

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S4200LX Datasheet A4 ENG V4