

Laser engraving solution for secure ID card issuance



Available as a stand alone unit or in combination with the Prima 4 reverse-transfer printer.

- Fully compatible with the Magicard Prima 4 for instant issuance of personalised high resolution colour ID cards with laser engraved features.
- Advanced laser engine for highly secure personalisation.
- Small and lightweight; ideal for decentralised card processing.
- Engraved visual security that is both durable and difficult to replicate or alter.
- Flipping unit for double-sided engraving.
- Eco friendly - low power consumption, no consumables and no waste.
- Low maintenance for easy field support.
- High marking quality, including:
 - Tactile raised type
 - Clear detailed laser engraving
 - Laser monochrome printing
 - Two image lenticular printing option

Engraver specifications

Laser type

Aircooled DPSS YAG Up to 15 kW (at 5 kHz)

Dimensions

280mm W x 408mm D x 528mm H, (11" x 16" x 20.75")

Warranty

Laser: 14 months after shipment or 10,000 hours use, whichever ever is sooner.
Mechanical interface unit: 14 months after shipment or 200,000 single-side images, whichever ever is sooner.

Power supply

AC100 - 240 V, 50/60 Hz

Weight

Approximately 25kg (55lb) not including optional accessories

Power consumption

250 VA

Interface

x2 USB 2.0

Card format

ISO CR80

Card types

Polycarbonate, PC+PET-G, ABS

Card input tray

250 cards (when used as stand alone unit)

Card output tray

100 cards

Throughput

(when used as stand alone unit) up to 120 cards per hour

Operating environment

10-30 °C (50-86 °F), 20% - 80% non-condensing humidity

Noise level

<65 dB

Certifications

Class 1 laser product. CE declaration of conformity, DEMKO, VCCI Class A, c-UL

Laser resolution

Up to 3628 dpi

Software development kit

Windows® XP, 7, 8.1 (32 and 64 bit)

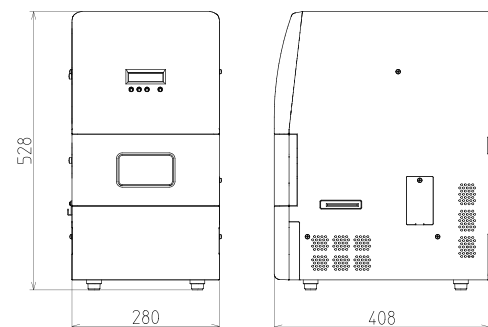
Optional accessories

- 250 card automatic feeder
- CLI or MLI engraving for two image lenticular printing
- Connection unit to Prima 4 reverse-transfer printer
- XY registration system for alignment of preprinted cards
- OCR/OCV ready
- Contact or contactless smart card encoding

Variants/accessories

	Part No
Ultra LE engraver	LE01
Ultra LE with hopper	LE04
Ultra LE with connection unit to Prima 4	LE05
Ultra LE with contact/contactless encoder	LE06
Ultra LE camera unit	LE03
MLI or CLI (to be ordered with Ultra LE engraver)	LE07
Replacement laser unit	LE08
Prima 4 - Single-sided reverse-transfer printer	Prima401
Prima 4 - Double-sided reverse-transfer printer	Prima402

Dimensions (mm)



Card security options



Magnetic stripe



Smart card encoding



Magnetic stripe*

The Prima 4 can be specified with ISO standard 7811 compatible HiCo encoding of magnetic stripe cards.

*Prima 4 only. **Can be fitted to Prima 4 or to input hopper of Ultra LE.

UV printing*

Ultraviolet film enables the printing of hidden photographs, logos, text or symbols that are only visible under UV light.

Smart card encoding**

Smart card encoding options: Contact chip, MIFARE®, DESFire®, iClass®. Other encoders available on request.

Our commitment

Full access to a global team of highly qualified technical experts available to assist you with setup, maintenance and any other questions regarding your Ultra LE.



Warranty (Prima 4) subject to the observance of specific conditions of use and maintenance, as well as the use of certified 'Original Magicard' dye films.

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The information contained in this document reflects the current state of design and we reserve the right to change the specification without notice or obligation.

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