Prima 4

NEW

Prima 4

Reverse transfer ID card printer

Specifications

Warranty*	3 years UltraCoverPlus warranty and support which includes full printhead coverage and free loaner service – North America, EU and other selected territories. Elsewhere 12 months limited warranty.
Print Speed	YMCK with transfer to card: up to 80 cards per hour single-sided.
Card Capacity	100 card input and output hoppers.
Printhead	Simple field replaceable unit.
PC interfaces	USB (Ver2.0) Full-Speed (12Mbps) and Hi-Speed (480Mbps) 10BASE-T/100BASE-TX Ethernet, both included as standard.
Printer Drivers	Windows 2000 Professional (SP4), XP (SP2, SP3), Vista (SP1), Windows Server 2003 R2 SP2, Server 2008.
Security Features	Holographic laminates (requires lamination module) and UV film options.
Cleaning	Removable cleaning roller cassette.
Dimensions	343mm width x 320mm height x 330mm length (13.5" width x 12.6" height x 13" length).
Weight	15.5kg (34.1lbs).
Operating Conditions	15 to 30°C (59 to 86°F) ; 35% to 70% non-condensing.

Consumables

Dye Film	Set of 1 YMCK dye film + 1 retransfer film - 1000 prints - **Part No Prima 431**.
	YMCKK 750 prints (Full-colour printing on one side and black on reverse side) - **Part No Prima 433**.
	YMCK-UV 750 prints (Full-colour and UV panel) - **Part No Prima 434**.
Retransfer Film	Retransfer film 1000 prints. (*Retransfer film must be paired with dye film for printing*) - **Part No Prima 436**.
Laminates	Thin, 0.5 mil and 1 mil laminates available. Clear and holographic laminates.
Card Thickness/Stock	0.25mm to 1.0mm (10mil to 40mil) / PVC, ABS, PET, PVH, and Polycarbonate ISO Standard CR80 sized cards.

Models

Prima 4 Uno	Single-sided - **Part No Prima 401**.
Prima 4 Duo	Double-sided - **Part No Prima 402**.

Options

Inline Laminator	Compact, single-sided or double-sided - **Part No Prima 451/Prima 452**.
Magstripe Encoder	Prima with HiCo/LoCo Magstripe encoder - **Part No Prima 421**.
Contactless Card Encoder	Contactless cards supported : Philips: MIFARE®, DESFire®, HID: iCLASS®, Legic®.
Smart Card Encoder	Optional chip contact programming facility for smart cards - **Part No Prima 422**.

YOUR ID CARD PRINTER

Edge to Edge	**Edge to edge**	Highest photo-quality images, printed right over the edge of the card.
ENCODING OPTIONS	**Encoding** OPTIONS	**Magstripe** - Encoder for access control, time and attendance. **Chip Contact** - Programming facility for smart cards. **Contactless** - Philips: MIFARE®, DESFire®. **HID**: iCLASS®. **Legic®** options available.
Duplex printing	**Duplex** OPTION	Prints on both sides (Prima 4 Duo).
Over laminate	**Lamination** OPTION	For added durability and holograms, an inline card laminator is available.

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

www.magicard.com

The highest print quality

The reverse-transfer Prima is ideal for producing top quality, durable cards.

The image quality of the printed card is comparable to mass produced offset litho printed cards, but with the advantage that each card can be personalised.

Features and options

Edge to Edge	Ethernet	Over laminate	ENCODING OPTIONS	Duplex printing
STANDARD	STANDARD	OPTION	OPTIONS	OPTION

The Prima is ideal for:

- Driving Licenses
- Airport Cards
- National ID
- Banking/Financial Cards
- Bureau Services

Free 3 year warranty and support

The Prima is supplied with a free, 3 year warranty and support including loaner service, **plus** life-time printhead cover*.

(Available in the EU, North America and other selected territories)

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MAGICARD
Secure ID card printers

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The innovative Prima Reverse Transfer printing technology

The Prima 4 printer's reverse transfer printing technology delivers superb print quality and is the ideal choice for printing technology embedded cards, as well as high volume batch printing.
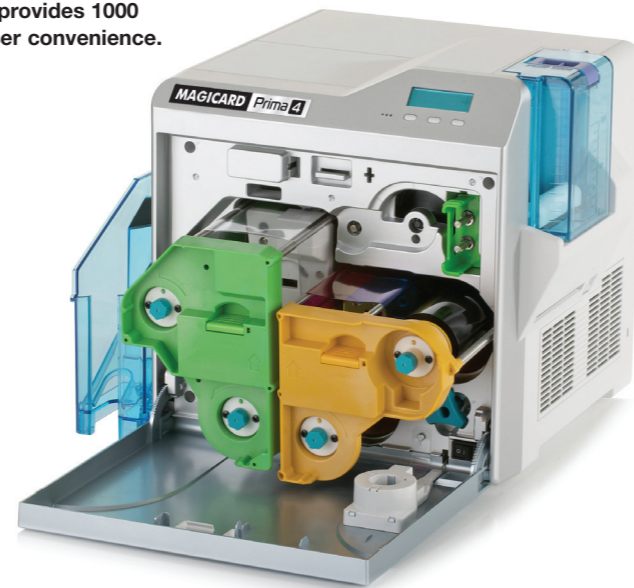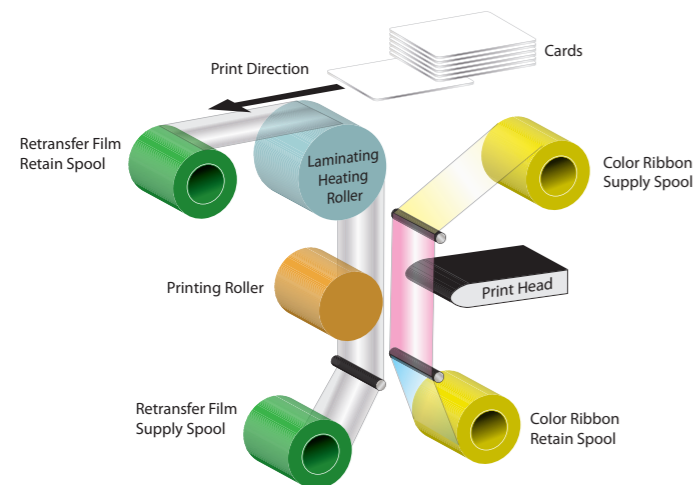
The process works like this:

The ID card image is printed from the YMCK dye film onto a clear retransfer film in a "reverse image", and is then laminated onto the card surface. The printed image is protected from scratching and fading by the clear film layer. In comparison, dye sublimation printers transfer the dyes directly onto the card surface using thermal transfer dye diffusion technology, followed by a thin acrylic varnish. Both methods use YMCK dye films, but the reverse transfer method uses an additional polyester transfer film.

The advantages of Reverse Transfer technology are:

- Amazing print quality
- The ability to print cards with uneven surfaces such as smart and proximity cards
- True over-the-edge printing on the card
- The ability to print onto non-PVC cards like ABS, PET, PVH and Polycarbonate

High-capacity YMCK dye film together with the separate re-transfer film provides 1000 colour prints. Both dye film and re-transfer cartridges slot in easily for user convenience.

Print Direction

Cards

Retransfer Film Retain Spool

Laminating Heating Roller

Color Ribbon Supply Spool

Printing Roller

Print Head

Retransfer Film Supply Spool

Color Ribbon Retain Spool

Enhanced encoding options

The new Prima printers are optionally equipped with smart card encoders which supports the following encoding technologies:

- Philips: MIFARE®, DESFire®
- HID: iCLASS®
- Legic®
- Contact Chip

Inline Lamination

Single-sided or double-sided lamination

The inline laminator integrates exclusively with the Magicard Prima. Available in single or double-sided it delivers an outstanding lamination result with all possible options. Regardless of whether thin holographic film or patches in various thicknesses are used - the result is always superb.

Loading the over laminate rolls is extremely user friendly, the rolls are front-loaded. The Inline laminator unit is user programmable, temperature and speed settings can be adjusted via the front panel display for optimum results with all card materials, including PVC, PVH, ABS, 100% PET and even Polycarbonate.

Lamination materials include thin holographic overlays and 0.5 mil and 1 mil patch laminates available in clear or custom formats.

The Magicard Prima's unique portrait orientation lamination mode allows for fast operation.

ONLY Magicard offers you all the following valuable features:

- 3 years UltraCoverPlus warranty and support (EU, North America and selected other territories).
- Wide range of encoding options – Philips Mifare, Desfire, HID iClass, Legic and Contact Chip.
- USB 2.0 and Ethernet as standard.
- Inline lamination options.
- Extensive choice of field upgrades.
- Auto dye film detection.
- Anti-bend card output.

Visit www.magicard.com for more information.