Ultra high resolution printer for secure card issuance
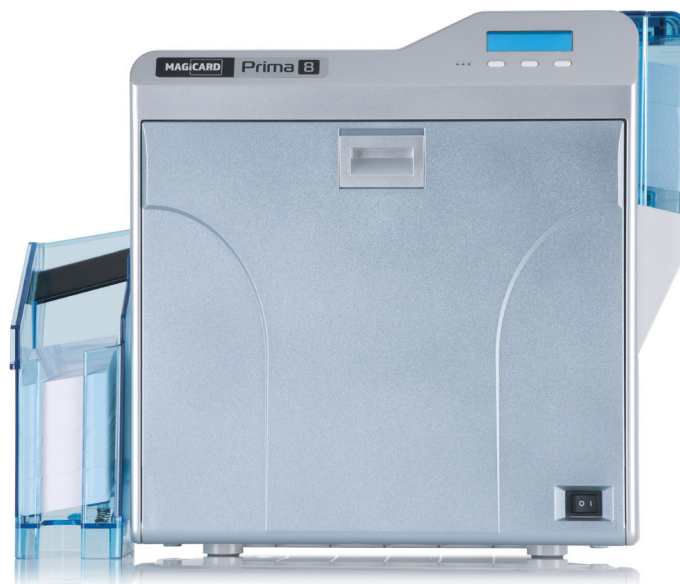

Secure

The Magicard Prima 8 secures card issuance with a combination of inline and post-printing options. Ultraviolet (UV) images or text, printed inline, can be augmented with overlaminates for added durability and security – including standard and customised holographic options. A logical printer lock is fitted as standard.

Optional - 600 dpi high resolution printing

The ultra high resolution of 600dpi enables the printing of secure microtext and CJK characters down to a 1.3 point size. Fine-lines and detailed, secure graphical elements can be printed in photo quality, right over the edge of the card.
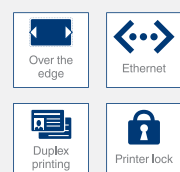
Trusted

High reliability and a market-leading 3 year warranty help ensure the Magicard Prima 8 is trusted worldwide for high-level secure card issuance projects – including drivers' licenses, secure travel passes and localised issuance of payment cards. It is FIPS 201 compliant and on the GSA Approved Product List.

Versatile

Ease of integration is facilitated by both USB and Ethernet interfaces, with magnetic stripe and a range of smart card encoding options all supported. An inline laminator can easily be added with connectivity enabled via infrared (IR).

Standard features

Over the edge	Ethernet
Duplex printing	Printer lock

Optional features

Magnetic stripe	Smart card encoding	600 dpi
Over laminate	Ultra Violet effect	

3 MAGICOVER PLUS

Free MagiCover Plus 3 year limited warranty and support*

*Available in the EU, North America and other selected territories. Elsewhere 1 year minimum limited depot warranty.

Prima 8 is ideal for:

Enterprise, Government and Payments identity applications.

Prima 8

Printer highlights

100 1HR	**100/100**	**3 YEAR MCP**	**OVER LAMINATES**	**Windows**
Printing speed	Card capacities	Warranty	Visual security	Operating systems
Up to 100 full colour cards per hour	100 card input 100 card output	Limited 3 year MagiCoverPlus	Holographic laminates and UV film options	Windows compatible only

Printer specifications

Print mode
300 dpi reverse-transfer printing technology. (Optional 600 dpi model available)

Card security
Holographic laminates (requires lamination module) and UV film options.

Encoding security options
Magnetic stripe encoding: HiCo and LoCo encoder ISO 7811.
Smart card encoding: Contact chip, MIFARE®, DESFire® and iClass®. Others available.

Warranty*
MagiCoverPlus 3 year limited warranty. Available in North America, EU and other selected territories. Elsewhere 1 year minimum limited depot warranty.

Printer interfaces
USB (Ver2.0) Full-Speed (12Mbps) and Hi-Speed (480Mbps) 10BASE-T/100BASE-TX Ethernet, both included as standard.

Driver compatibility
Windows 10 / 8.1 / 8 / 7 (SP1), both 32 / 64 bit
Windows Server 2016 (64 bit) / 2012 (64 bit) / 2008 R2 (SP1) (64 bit) / 2003 R2 (SP2) (32 bit)

Card capacity
100 card input feeder and output stacker.

Weight
15.5kg (34.1lbs).

Dimensions
343mm width x 320mm height x 330mm length (13.5" width x 12.6" height x 13" length).

Print speed
YMCK with transfer to card: 100 cards per hour single-sided.

Printhead
Simple field replaceable unit.

Operating conditions
15ºC to 30ºC (59ºF to 86ºF) ; 35% to 70% non-condensing.

Security features
A logical printer lock is fitted as standard.

Consumables

Part No.

Dye film
• Set of 5 YMCK dye films + 5 retransfer films, 1000 images each film.	**Prima 831**
• Colour dye film, YMCK, 1000 images	**Prima 832**
• Colour dye film, with black on reverse,YMCKK, 750 images	**Prima 833**
• Colour dye film, with UV panel on reverse, YMCK-UV, 750 images	**Prima 834**
• Colour dye film, with peel off panel on reverse, YMCK-PO, 750 images	**Prima 835**

Retransfer film
• Retransfer film 1000 images.	**Prima 436**

Laminates
Thin, 0.5 mil and 1 mil laminates available. Clear and holographic options.

Card types / thickness
CR80 PVC, ABS, PET, PVH, and Polycarbonate ISO blank cards,
HiCo magnetic stripe and smart cards. 0.25mm to 1.0mm (0.010" to 0.040").

Cleaning kit
Cleaning kit (10 cards).	**E9887**

Variants

Prima 8 Duo
Magicard Prima 8 Duo 600 dpi; double-sided printer.

Variants (Mag, Smart or Smart Mag) - call for part numbers
Magnetic stripe card encoding, combi smart card encoding (contact chip, MIFARE®, DESFire®, iClass®). Other smart card encoders also available.

Options

Inline laminator
• Single-sided	**Prima 451**
• Double-sided	**Prima 452**

Card security options

Overlaminates
For added durability and security - including standard and customised holographic options

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

Magnetic stripe
The Prima 8 can be specified with ISO standard 7811 compatible HiCo encoding of magnetic stripe cards.

Smart card encoding
Smart card encoding options:
Contact chip, MIFARE®, DESFire®, iClass®.