



## SECURE ID CARD AND BADGE PRINTING SOLUTIONS



# SECURE ID CARD PRINTING FOR EVERY BUDGET, INDUSTRY AND APPLICATION

Cards have become a part of everyday life. Used for gaining access to buildings and facilities, verifying that individuals are who they say they are or simply being used to purchase goods or services, cards have become the ubiquitous global standard for identity.

Discover how secure ID cards, printed and programmed with Magiscard products, can be used across multiple applications in your industry sector to improve efficiency and productivity and most importantly, to protect and secure your organisation.



**Are you ready to elevate your identification card printing experience to new heights? Look no further!**

Magiscard NEO by Brady card printers are crafted with precision and innovation. A trusted name in the industry, these printers are designed to meet all your identification and access control needs with unparalleled reliability and quality.

## LEGAL

Warranty subject to the observance of specific conditions of use and maintenance, as well as the use of certified 'Original Magiscard' dye films. Magiscard is a registered trademark of Magiscard Ltd. All other trademarks, brand names, or product names belong to their respective holders. 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.

# VERTICAL MARKETS AND ID CARD AND BADGE APPLICATIONS

Over the last 30 years new solutions have been created for different vertical markets. For inspiration we've listed a few of the more popular applications.

	Physical access	Visual access	Logical access	Time and attendance	Payments	Photo ID	Self service	Loyalty and memberships	Data storage
Government	✓	✓	✓						
Education	✓	✓	✓	✓	✓		✓		✓
Banking			✓		✓		✓		
Healthcare	✓	✓							✓
Corporate	✓		✓	✓			✓		
Public Sector									✓
Events	✓								
Facilities	✓								
Food & Beverage								✓	
Travel & Transport	✓				✓	✓			✓
Sport & Leisure	✓				✓	✓			✓
Retail	✓	✓		✓				✓	

## PERSONALIZED CARDS

A digital card printer with matching dye films, printer software, cards, ... and finally some inspiration and creativity are all you need to create your own personalized cards.

To be used for both identification as well as security.

**With growing concerns about security and identity theft, there is a rising demand for secure identification solutions across various industries such as amongst others government, banking, healthcare, education, industry/manufacturing and other sectors.**

ID card and badge printers play a crucial role in producing secure credentials that help in identity verification and access control.



# PRODUCT OVERVIEW

DIRECT-TO-CARD



**100NEO**

Home and office use

DIRECT-TO-CARD



**300NEO**

Schools, Colleges and Offices

DIRECT-TO-CARD



**600NEO**

Larger Offices and Enterprises

DIRECT-TO-CARD



**E+NEO**

XL Events badges and Price Cards

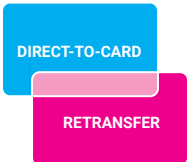
RETRANSFER



**Prima 8 (with Laminator Unit)**

Government and Banking

# DIRECT-TO-CARD & RETRANSFER EXPLAINED



## DIRECT-TO-CARD PRINTING

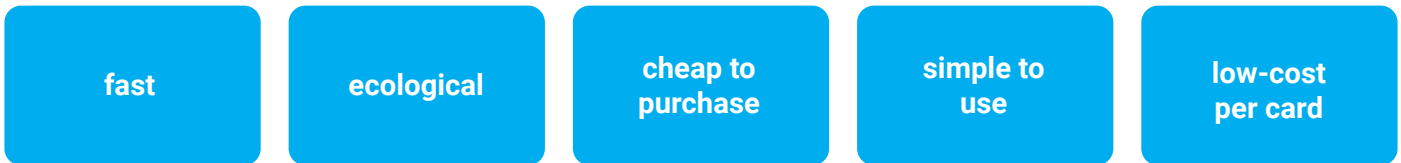


The printhead heats the dye film, which instantly sets the design onto the card.

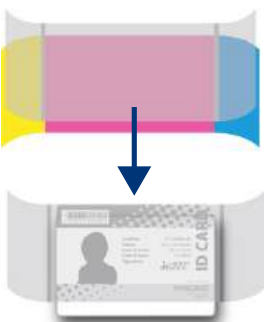
A direct-to-card (DTC or dye sublimation) printer prints ink directly onto a card's surface. This kind of printer uses dye film which feeds in between two spools in the printer and, when it comes into contact with the thermal printhead, the card design will be printed onto the card.

Dye films are available in various colors such as monochrome (single-color) and YMCKO (Yellow, Magenta, Cyan, Black, Overlay). The overlay (O-panel) adds a protective layer over the printed image, enhancing durability and resistance to fading, scratching, and everyday wear and tear.

The most popular choice, DTC printers tend to be:



## RETRANSFER PRINTING

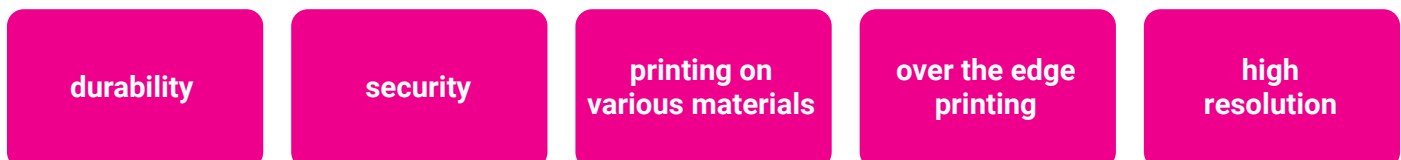


The transfer film is heated and fused onto the card.

The printhead heats the dye film, which sets the design onto the transfer film.

Retransfer (reverse transfer) printing technology uses a two-step process by first printing the colour images onto a thin clear substrate, then heat transferring this substrate, complete with the printed YMCKO image, onto the surface of a card that can have an uneven or non-standard PVC surface.

These types of printers excel in:



# ANTI-FRAUD WATERMARKS

## HOLOKOTE



VISUAL SECURITY  
HoloKote®

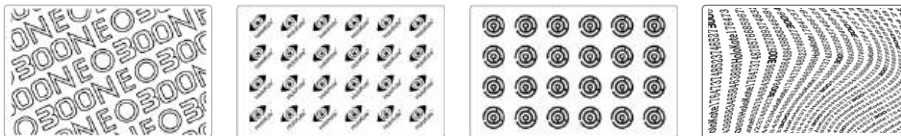
We're all about security. That's why we developed the HoloKote watermark available for all of our direct-to-card printers. HoloKote technology was pioneered by Magicard to apply a secure watermark to each card during the printing process. HoloKote works by using the overlay panel in a standard YMCKO or YMCKOK ribbon to "burn" a watermark over the card design.

The following HoloKote designs are included free of charge to be used with your card and badge printer:

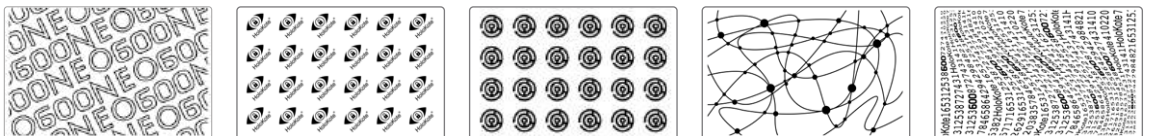
### Magicard 100NEO



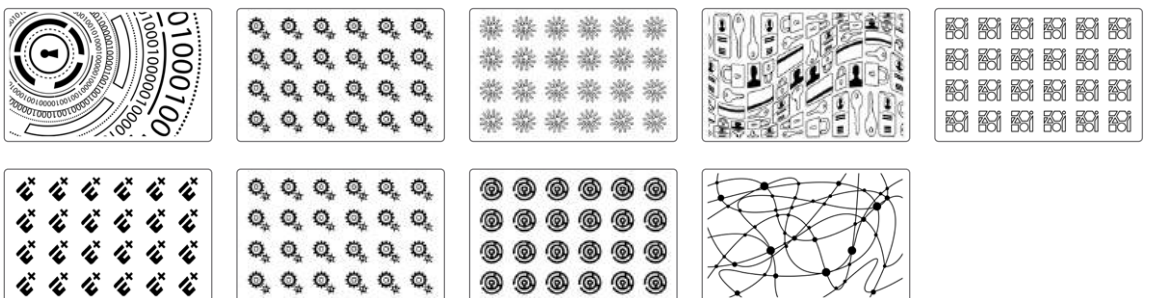
### Magicard 300NEO



### Magicard 600NEO



### Magicard E+NEO



## CUSTOM HOLOKOTE



CUSTOM  
HoloKote®

This feature, available on some of our models, facilitates the implementation of a personalised HoloKote watermark into the standard print process. This watermark could be an organisation's logo, or some other unique security design.



## HOLOPATCH



VISUAL SECURITY  
HoloPatch®

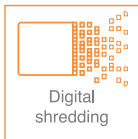
Unique to Magicard, HoloPatch cards have a highly reflective gold 'super diffuser' seal. When the HoloKote watermark is printed on to the seal, the watermark becomes clearly visible under all lighting conditions. HoloKote with HoloPatch has a similar appearance to hologram seals. It provides a security mark which is visible from a distance, allowing a security guard or colleague to easily verify badge authenticity.



For an overview of which custom HoloKote watermarks and HoloPatch cards can be printed with what printers, see p. 8-13.

# SECURITY FEATURES EXPLAINED

## SPECIALIST SECURITY (available on selected models)



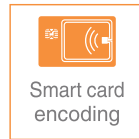
**Digital Shredding™** - once data has been used for the print job, it is fragmented, rendering it irrecoverable, helping to ensure the printer is not a repository for data.



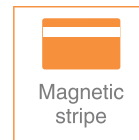
**Threat Benchmarking** where we run security scans against the National Vulnerabilities Database and push regular updates to the device, ensuring that the printer software and associated system configuration conform to the highest levels of security.



**Single Line Encoding** - Many enterprises hold sensitive and personal information securely within a protected datacentre. In order to comply with data protection regulations Single Line Encoding allows for data packaged at source to be sent securely from the datacentre to be unpacked at its destination and used by the printer's application.



**Smart Card Encoding** - Desktop Magicard printers can be equipped with a range of card encoding devices to read and write secure electronic data cards at the point of issuance. Smart card encoding options include contact chip, MIFARE®, DESFire® and iClass®.

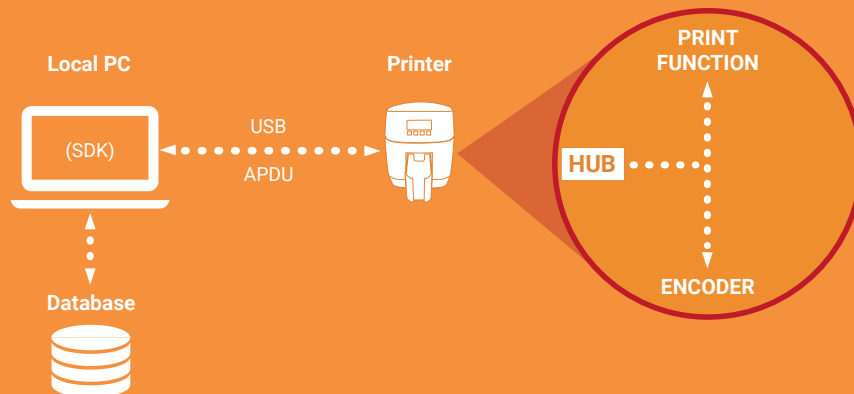


**Magnetic Stripe** - The printer can be specified with ISO standard 7811 compatible HiCo encoding of magnetic stripe cards.

For an overview of which specialist security features are available on what printers, see p. 8-13.

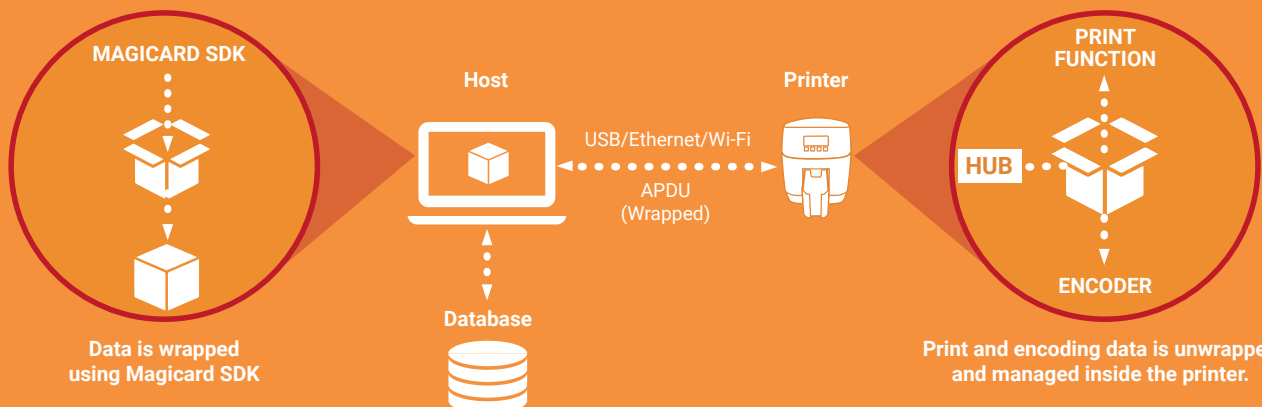
### SMART CARD ENCODING PROCESS - STANDARD

Print function and encoder are treated as two separate devices.



### SMART CARD ENCODING PROCESS - SINGLE LINE

Print and encoding data is sent to the print function where it is unwrapped and sent to the encoder.



# 100NEO

## For home office.

Do not underestimate its tiny frame. Designed from the ground up to be best in class: the powerful Magicard 100NEO packs a mighty punch. With a focus on high speed, the highest quality and with the environment in every aspect of its design and manufacture, the Magicard 100NEO has been developed to exceed the expectations of today's tech-savvy and connected customer.

**Small footprint** – Small but mighty, the Magicard 100NEO proves that the best things come in small packages. With its small footprint and light weight, the Magicard 100NEO will fit into offices large or small while also being ideal for the home worker.

**HD photo quality** – The Magicard 100NEO packs a mighty punch delivering HD photo quality printing out of the box. Delivering photo-realistic colour reproduction, and with top-quality edge-to-edge printing guaranteed, your printed cards will never look so good.

**High speed** – The Magicard 100NEO offers the highest print speed in Magicard's smallest printer package available today. HD photo quality - 23 seconds per card / Standard colour - 18 seconds per card / Monochrome - 4.7 seconds per card.

**Easy to use** – Quick to set up, quick to operate and quick to deliver the best results.



## PRINTER HIGHLIGHTS

<p>Quality</p> <p><b>300 dpi</b></p> <p>(edge-to-edge)</p>	<p>Speed</p> <p><b>200 colour cards</b></p> <p>per hour</p>	<p>Card Loading</p> <p><b>50 input /</b></p> <p><b>50 output</b></p>	<p>Rewritable</p> <p><b>Yes</b></p>	<p>Connectivity</p> <p><b>USB / Ethernet</b></p>
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## FEATURES

Standard	Optional
<p>Visual Security HoloKote®</p> <p>Digital shredding</p> <p>Threat benchmarked</p> <p>Limited warranty</p> <p>Networked monitoring</p> <p>Kensington Compatible</p>	<p>Visual Security HoloPatch®</p>

## PRINTER VARIANTS

Single-sided printer	Order Ref.	Article N°
Magicard 100NEO	3100-6001/4	322765



# 300NEO

## Schools, colleges and offices.

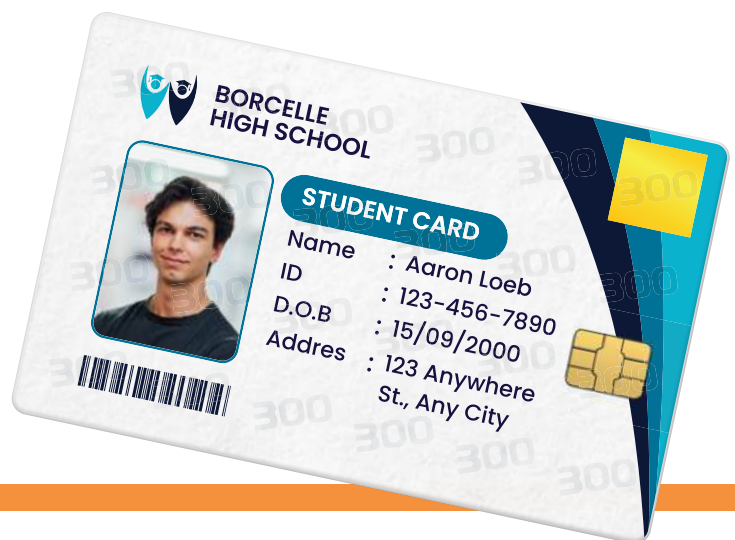
**Robust, durable, reliable and equipped with Digital shredding™, the Magicard 300NEO is perfect for schools, colleges and medium-sized businesses. When it comes to secure ID card printing, you can trust the Magicard 300NEO to deliver.**

**Resilient** - Built with high performance purpose-built materials and advanced components, the Magicard 300NEO is designed and manufactured at Magicard's centre of excellence for manufacturing in the UK and is backed by an excellent technical support and warranty.

**High quality** - The Magicard 300NEO offers a wide colour spectrum and prints at 300 x 300 dpi – great for photographs on ID cards and more accurate depiction of corporate logos and other images

**Flexible** - batch print with the interchangeable 100-card feeder or print one-offs or rewritable cards with the hand-feeder. Upgrade a single-sided Magicard 300NEO to double-sided printing through the electronic upgrade kit.

**Easy to use** - to get you up and running quickly and easily, the Magicard 300NEO integrates with existing network infrastructure 'out of the box' via USB, minimising set-up time and requiring little technical knowledge.



## PRINTER HIGHLIGHTS

<p>Quality</p> <p><b>300 dpi</b></p> <p>(edge-to-edge)</p>	<p>Speed</p> <p><b>160 colour cards</b></p> <p>per hour</p>	<p>Card Loading</p> <p><b>100 input /</b></p> <p><b>70 output</b></p>	<p>Rewritable</p> <p><b>Yes</b></p>	<p>Connectivity</p> <p><b>USB / Ethernet</b></p>
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## FEATURES

Standard	Optional
<p>Visual Security HoloKote®</p>	<p>Digital shredding</p>
<p>Threat benchmarked</p>	<p>CUSTOM HoloKote®</p>
<p>Visual Security HoloPatch®</p>	<p>Magnetic stripe</p>
<p>Networked monitoring</p>	<p>Smart card encoding</p>
<p>Kensington Compatible</p>	<p>Duplex printing</p>
<p>Limited warranty</p>	<p>Duplex upgrade</p>
<p>Single line encoding</p>	

## PRINTER VARIANTS

Single-sided	Order Ref.	Article N°	Double-sided	Order Ref.	Article N°
Magicard 300NEO Uno	3300-6001/4	322766	Magicard 300NEO Duo	3300-6021/4	322772
Magicard 300NEO Uno Mag	3300-6002/4	322767	Magicard 300NEO Duo Mag	3300-6022/4	322773
Magicard 300NEO Uno Smart	3300-6003/4	322768	Magicard 300NEO Duo Smart	3300-6023/4	322774
Magicard 300NEO Uno Mag Smart	3300-6004/4	322769	Magicard 300NEO Duo Mag Smart	3300-6024/4	322775
Magicard 300NEO Uno Smart SLE	3300-6005/4	322770	Magicard 300NEO Duo Smart SLE	3300-6025/4	322776
Magicard 300NEO Uno Mag Smart SLE	3300-6006/4	322771	Magicard 300NEO Duo Mag Smart SLE	3300-6026/4	322777

# 600NEO

## Larger offices and enterprise environments.

**A world-class ID printing solution delivering high print speeds, stringent security and the finest detail, the Magiscard 600NEO integrates seamlessly with existing infrastructure to deliver secure processing of ID credentials.**

**An eye for detail** - capable of printing at 600 x 300 dpi resin only, the Magiscard 600NEO allows you to print readable text at small font sizes ( $\geq 5$  point).

**Superior quality** - The Magiscard 600NEO offers a wide colour spectrum so printing is more vibrant and colour-rich for a truer representation of the subject.

**High speed** - each full colour, single-sided card, with HoloKote, can be printed in under 20 seconds giving the Magiscard 600NEO the ability to print up to 190 cards per hour.

**Plug and play** - to get you up and running quickly and easily, the Magiscard 600NEO integrates with existing network infrastructure 'out of the box' via USB, minimising set-up time and requiring little technical knowledge.

**Wi-Fi connectivity** - as standard via supplied dongle, - IEEE 802.11b/g/n compliant with connection of speeds up to 300Mbps. Supports WPA and WPA2 encrypted connection (access point dependent).



## PRINTER HIGHLIGHTS

<p><b>Quality</b> 600x300 dpi (edge-to-edge)</p>	<p><b>Speed</b> 190 colour cards per hour</p>	<p><b>Card Loading</b> 100 input / 70 output</p>	<p><b>Rewritable</b> Yes</p>	<p><b>Connectivity</b> USB / WIFI / Ethernet</p>
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## FEATURES

Standard	Optional
Visual Security HoloKote <sup>®</sup>	Digital shredding
Threat benchmarked	CUSTOM HoloKote <sup>®</sup>
Kensington Compatible	Visual Security HoloKote <sup>®</sup>
Limited warranty	Magnetic stripe
Networked monitoring	Smart card encoding
Duplex printing	Duplex upgrade
	Single line encoding

## PRINTER VARIANTS

Single-sided	Order Ref.	Article N°	Double-sided	Order Ref.	Article N°
Magiscard 600NEO Uno	3652-6501/4	322778	Magiscard 600NEO Duo	3652-6521/4	322784
Magiscard 600NEO Uno Mag	3652-6502/4	322779	Magiscard 600NEO Duo Mag	3652-6522/4	322785
Magiscard 600NEO Uno Smart	3652-6503/4	322780	Magiscard 600NEO Duo Smart	3652-6523/4	322786
Magiscard 600NEO Uno Mag Smart	3652-6504/4	322781	Magiscard 600NEO Duo Mag Smart	3652-6524/4	322787
Magiscard 600NEO Uno Smart SLE	3652-6505/4	322782	Magiscard 600NEO Duo Smart SLE	3652-6525/4	322788
Magiscard 600NEO Uno Mag Smart SLE	3652-6506/4	322783	Magiscard 600NEO Duo Mag Smart SLE	3652-6526/4	322789

## The ultimate printing solution for event passes and price cards.

With the Magicard E+NEO, event organisers around the world can easily create 140mm cards - up to 100 in one go.

**Enhance your brand's visibility** - Easily print extra-long badges with more branding space to make a lasting impression. Add QR codes for quick access to event, tradeshow or conference schedules, attendees, speakers & sponsors to enhance the attendee experience.

**Superior quality** - The Magicard E+NEO has a wide colour spectrum making each print vibrant and colour-rich – perfect for photographs and a more accurate depiction of company logos and other images.

**Flexible** - Cards up to 110mm long can be printed entirely in full colour. The printer can also handle pre-printed cards up to 140mm long and print a CR80-sized (86 x 54mm) area in full colour in a single pass. In monochrome mode, the entire length of a 140 x 54mm card can be printed. The card feeder is adjustable from 86 to 140mm length.

**Efficient & time saving** - Print a full colour card in 23 seconds and monochrome cards in 6 seconds. The Magicard E+NEO is highly reliable and easy to set up and integrate with existing network infrastructure.



## PRINTER HIGHLIGHTS

<p>Quality</p> <p><b>300 dpi</b></p> <p>(edge-to-edge)</p>	<p>Speed*</p> <p><b>156 colour cards</b></p> <p>per hour</p>	<p>Card Loading</p> <p><b>100 input / 70 output</b></p> <p>(86,109 or 140mm)</p>	<p>Rewritable</p> <p><b>Yes</b></p>	<p>Connectivity</p> <p><b>USB / Ethernet</b></p>
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## FEATURES

Standard			Optional		
Visual Security HoloKote®	Digital shredding	Threat benchmarked	3 year limited warranty	Custom HoloKote®	Visual Security HoloPatch®
Networked monitoring	Kensington Compatible	Smart card encoding	Duplex printing	Single line encoding	

## PRINTER VARIANTS

Single-sided	Order Ref.	Article N°	Double-sided	Order Ref.	Article N°
Magicard E+NEO Uno	4500-6001/4	322790	Magicard E+NEO Duo	4500-6021/4	322793
Magicard E+NEO Uno Smart	4500-6003/4	322791	Magicard E+NEO Duo Smart	4500-6023/4	322794
Magicard E+NEO Uno Smart SLE	4500-6005/4	322792	Magicard E+NEO Duo Smart SLE	4500-6025/4	322795

Recto verso printing is only possible for 86mm cards.

\* Speed measured based on CR80-sized (86 x 54mm) cards.

# Prima 8

## Government and banking high-level secure card issuance.

The Magicard Prima 8 produces high-quality photo cards quickly in large volumes, comparable to offset litho printing.

**High volume photo quality** - The Magicard Prima 8 provides a reliable, robust solution for instant issuance and lamination in a compact package. Using a retransfer printing process, images are first printed onto a thin film then heat transferred onto the card surface. This produces a high-resolution glossy image, printed right up to the edges of the card.

**Optional** - 600dpi 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 up to the edges of the card.

**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).

**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.



## PRINTER HIGHLIGHTS

<b>Quality</b> <b>300 dpi</b> (right up to the edges)	<b>Speed</b> <b>100 colour cards</b> <b>per hour</b>	<b>Card Loading</b> <b>100 input /</b> <b>100 output</b>	<b>Rewritable</b> <b>No</b>	<b>Connectivity</b> <b>USB / Ethernet</b>
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## FEATURES

Standard	Optional
Printer lock Kensington Compatible 3 Year Limited warranty	Magnetic stripe Smart card encoding Over laminate Ultra Violet effect 600 dpi Duplex printing

## PRINTER VARIANTS

Single-sided	Order Ref.	Article N°	Double-sided	Order Ref.	Article N°
Magicard Prima 8 Uno	PRIMA 801	321953	Magicard Prima 8 Duo	PRIMA 802	321954
Prima 8 Laminator Uno	PRIMA 451	321957	Prima 8 Laminator Duo	PRIMA 452	321958

# SOFTWARE

MagiCard's easy to use card id & badge design and management software for the MagiCard NEO range.



## REMOTE MANAGEMENT FOR NEO

MagiCard's Clix Remote User Interface gives NEO users the tools to manage all aspects of printer set-up, maintenance, diagnostics and operation.

Users can remotely monitor printer usage and consumables status from any web-enabled device on the same network as the printer.



# MAGICARD NEO PRINTER RANGE

## Direct-to-card

\* Standard + Option



### 100NEO

#### Small Office

##### Print speed

Up to 200 full colour cards per hour  
766 monochrome cards per hour

##### Card capacities

50 card input  
50 card output

##### Visual security

Standard HoloKote watermark (x3) \*  
HoloPatch cards +

##### Electronic security

N/A

##### Warranty\*

2-year MagiCover Limited Warranty

### 300NEO

#### Corporate

##### Print speed

Up to 160 full colour cards per hour  
720 monochrome cards per hour

##### Card capacities

100 card input (optional 200 card input available)  
70 card output

##### Visual security

Standard HoloKote watermark (x4) \*  
Custom HoloKote watermark +  
HoloPatch cards +

##### Electronic security

ISO 7811, JIS2 magnetic stripe +  
ISO 7816, EMV contact chip +  
MIFARE, DESFire, iClass, others +  
Single line encoding +

##### Warranty\*

2-year MagiCover Limited Warranty  
Optional 1-year extension.

### 600NEO

#### Professional

##### Print speed

Up to 190 full colour cards per hour  
750 monochrome cards per hour

##### Card capacities

100 card input (optional 200 card input available)  
70 card output

##### Visual security

Standard HoloKote watermark (x10) \*  
Custom HoloKote watermark +  
HoloPatch cards +

##### Electronic security

ISO 7811, JIS2 magnetic stripe +  
ISO 7816, EMV contact chip +  
MIFARE, DESFire, iClass, others +  
Single line encoding +

##### Warranty\*

3-year MagiCover Limited Warranty  
Optional 1-year extension.

HIGHLIGHTS  
SPECIFICATIONS

##### Print technology

Dye sublimation/rewritable

##### Feed system

Manual/automatic

##### Upgrade

N/A

##### Connectivity

USB \*  
Ethernet \*

##### Card thickness

20mil to 40mil (0.508mm to 1.02mm)

##### Card types

CR80/CR79 PVC ISO blank cards, rewritable and HoloPatch® cards

##### Dimensions

168 W x 208 H x 292 D mm / 6.6 W x 8.2 H x 11.5 D inches

##### Total packaged weight

5.4kg / 11.9lbs

##### Operating environment

Office Environment  
10°C - 30°C / 50°F - 85°F

##### Maintenance

Cleaning kit

E9100

##### Print technology

Dye sublimation/rewritable

##### Feed system

Manual/automatic

##### Upgrade

Single to double-sided

3300-6052E +

##### Connectivity

USB \*  
Ethernet \*

##### Card thickness

20mil to 50mil (0.508mm to 1.27mm)

##### Card types

CR80/CR79 PVC ISO blank cards, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch® cards.

##### Dimensions

215 W x 242 H x 445 D mm / 8.5 W x 9.5 H x 17.5 D inches

##### Total packaged weight

7kg / 15.4lbs

##### Operating environment

Office Environment  
10°C - 30°C / 50°F - 85°F

##### Maintenance

Cleaning kit

3633-0053

##### Print technology

Dye sublimation/rewritable

##### Feed system

Manual/automatic

##### Upgrade

Single to double-sided

3652-6552E +

##### Connectivity

USB \*  
Ethernet \*  
Wifi \*

##### Card thickness

20mil to 50mil (0.508mm to 1.27mm)

##### Card types

CR80/CR79 PVC ISO blank cards, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch® cards.

##### Dimensions

211.5 W x 248 H x 475.5 D mm / 8.3 W x 9.8 H x 18.9 D inches

##### Total packaged weight

7.14kg / 15.7lbs

##### Operating environment

Office Environment  
10°C - 30°C / 50°F - 85°F

##### Maintenance

Cleaning kit

3633-0053

\*Print speeds are approximate and depend on card design/print settings. \*\*Available in North America, EU and other selected territories. Elsewhere a minimum of 1 year limited depot warranty. Our warranties cover poor workmanship, manufacturing defects and component failure – conditional with use of approved Magicard consumables and observance of correct routine maintenance and frequency.

## Direct-to-card

## Retransfer

\* Standard + Option



### E+NEO

#### Events

##### Print speed

Up to 156 full colour cards per hour  
750 monochrome cards per hour

##### Card capacities

100 card input  
70 card output

##### Visual security

Standard HoloKote watermark (x10) \*  
Custom HoloKote watermark +  
HoloPatch cards +

##### Electronic security

ISO 7811, JIS2 magnetic stripe +  
ISO 7816, EMV contact chip +  
MIFARE, DESFire, iClass, others +  
Single line encoding +

##### Warranty\*

3-year MagiCover Limited Warranty  
Optional 1-year extension.

##### Print technology

Dye sublimation/rewritable

##### Feed system

Manual/automatic

##### Upgrade

Single to double-sided 3652-5052E +

##### Connectivity

USB \*  
Ethernet \*

##### Card thickness

20mil to 50mil (0.508mm to 1.27mm)

##### Card types

CR80/CR79 PVC ISO blank cards, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch® cards and long format.

##### Dimensions

210 W x 251 H x 445 D mm / 8.3 W x 9.9 H x 17.5 D inches

##### Total packaged weight

7kg / 15.3lbs

##### Operating environment

Office Environment  
10°C - 30°C / 50°F - 85°F

##### Maintenance

Cleaning kit 3633-0053

### Prima 8

#### High definition

##### Print speed

Up to 100 full colour single-sided cards per hour

##### Card capacities

100 card input  
100 card output

##### Visual security

UV effect +

##### Electronic security

ISO 7811 – tracks 1, 2 & 3 magnetic stripe +  
MIFARE, DESFire, iClass, contact chip +  
Other encoders available

##### Warranty\*

3-year MagiCover Plus  
Including "no quibble" printhead.  
Optional 1-year extension.

##### Print technology

Reverse transfer

##### Feed system

Automatic

##### Upgrade

In-line laminator +

##### Connectivity

USB \*  
Ethernet \*

##### Card thickness

10mil to 40mil (0.254mm to 1.02mm)

##### Card types

CR80 PVC, ABS, PET, PVH, and Polycarbonate ISO blank cards, HiCo magnetic stripe and smart cards.

##### Dimensions

343 W x 320 H x 330 D mm / 13.5 W x 12.6 H x 13 D inches

##### Total packaged weight

15.5kg / 34.1lbs

##### Operating environment

15°C to 30°C (59°F to 86°F) ;  
35% to 70% non-condensing.

##### Maintenance

Cleaning kit E9887

HIGHLIGHTS

SPECIFICATIONS

# THE IDEAL ACCESS CARD



## Technology cards

Premium technology cards optimised for easy printing, seamless integration and rapid deployment, Securicards proximity cards are designed to compliment and enhance existing security installations.

- Choose from a wide selection of card types, each designed to meet the specifications of your original access control system.
- Easily order blank, initialised or fully programmed credentials with external numbering and custom printing including logos, backgrounds and anti-fraud patterns.
- Desktop MagiCard printers encode data and add customised watermarks, lamination or UV printing to credentials at the point of issuance.



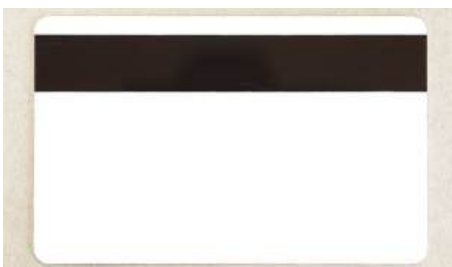
## CONTACTLESS CARDS

Imagine a Contactless card, your key to seamless access. Embedded with a tiny chip and transmitter, these cards offer effortless entry with just a wave. Whether it's unlocking your hotel room or boarding public transport, Contactless technology simplifies everyday tasks with its magic-like convenience.



## CONTACT CARDS

Then there's the dependable Contact card – a fortress of secure transactions. Sporting a chip adorned with intricate electrical contacts, these cards ensure financial transactions are conducted with utmost safety. From banking to credit cards, Contact technology provides a reliable and secure way to manage your finances.



## MAG(NETIC) CARDS

And let's not overlook the enduring charm of Mag cards. With a magnetic stripe on the back, these cards have been a staple in various industries for years. From access control systems to membership cards, Mag technology offers a straightforward yet effective means of storing and retrieving data.

But what if you could have the best of all worlds? Enter the realm of hybrid cards, where Contactless, Contact, and Mag technologies converge to offer unmatched versatility. Banking cards exemplify this, seamlessly integrating multiple technologies to deliver a comprehensive banking experience.

But the magic doesn't end there – with MagiCard printers (model dependent), you hold the key to unlocking endless possibilities. These state-of-the-art devices empower you to write and encode Technology Cards, putting the power of creation at your fingertips. Whether you're a business owner streamlining operations or an enthusiast exploring new frontiers, MagiCard printers offer a gateway to digital innovation.

**So, whether you're tapping, swiping, or waving your way through life, Technology Cards are your trusted allies, providing convenience, security, and boundless opportunities. Embrace the future of technology – unlock the potential of Technology Cards today!**

# ENCODING AND READING OPTIONS

Some MagiCard printers are designed such that they can be fitted with a 'paid for' optional upgrade that allows Technology cards to be read and encoded.



# WARRANTY



	MAGICARD 100NEO	MAGICARD 300NEO	MAGICARD 600NEO	MAGICARD E+NEO	MAGICARD PRIMA 8
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid orange; padding: 5px; text-align: center;"> <b>2</b>  <small>Years Anns Jahre Annii</small>                      Limited warranty                 </div> <div style="border: 1px solid orange; padding: 5px; text-align: center;"> <b>3</b>  <small>Years Anns Jahre Annii</small>                      Limited warranty                 </div> </div>					
Years Warranty*	2	2	3	3	3
Tech support accessed via <a href="http://www.magicard.com">www.magicard.com</a>	✓	✓	✓	✓	✓
Optional 1 Year Warranty Extension (at purchase)		3300-0051 321981	3652-5051 321985	321981	
1Y UltraCover Prima print ext EU-US					Prima497 321997
1Y UltraCover Prima Uno lam ext EU-US					Prima502 321998
1Y UltraCover Prima Duo lam ext EU-US					Prima503 321999

\*Covers poor workmanship, manufacturing defects and component failure – conditional with use of approved Magicard consumables and observance of correct routine maintenance and frequency.

# COMMITMENT TO THE ENVIRONMENT

*"Since 2018, jointly with One Tree Planted, we planted 30,000 trees, resulting in an offset of 660 tonnes of CO2 emissions per year."*



# RIBBONS



Standard direct-to-card printer ribbons			Print capacity	Order Ref.	Article N°
Monochrome film - Black	●		1000 images	MA1000K-Black	321959
Monochrome film - Blue	●		1000 images	MA1000K-Blue	321960
Monochrome film - Gold	●		1000 images	MA1000K-Gold	321961
Monochrome film - Green	●		1000 images	MA1000K-Green	321962
Monochrome film - Red	●		1000 images	MA1000K-Red	321963
Monochrome film - Silver	●		1000 images	MA1000K-Silver	321965
Monochrome film - White	○		1000 images	MA1000K-White	321966
300NEO/600NEO - Colour film with overcoat panel (YMCKO)	●●●●●		100 images	MN100YMCKO/4	322796
300NEO/600NEO - Colour film, black on reverse (YMCKOK)	●●●●●●		250 images	MN250YMCKOK/4	322797
300NEO/600NEO - Colour film, half panel black on reverse (YMCKOKO-HF)	●●●●●●		250 images	MN250YMCKOKO-HF/4	322798
300NEO/600NEO - Colour film with overcoat panel (YMCKO)	●●●●●		300 images	MN300YMCKO/4	322799
300NEO/600NEO - Half panel colour film, black on reverse (YMCKO-HF)	●●●●●●		450 images	MN450YMCKO-HF/4	322800

Magicard 100NEO ribbons			Print capacity	Order Ref.	Article N°
100NEO - Colour film with overcoat panel (YMCKO)	●●●●●		100 images	MP100YMCKO/4	322801
100NEO - Colour film with overcoat panel (YMCKO)	●●●●●		200 images	MP200YMCKO/4	322802

Magicard Prima 8 ribbons			Print capacity	Order Ref.	Article N°
Set of 1 dye film (YMCK) + 1 retransfer film	●●●●●		1000 images	PRIMA 831	
Colour dye film (YMCK)	●●●●		1000 images	PRIMA 832	
Colour dye film with black on reverse (YMCKK)	●●●●●		750 images	PRIMA 833	321978
Colour dye film with UV panel (YMCK-UV)	●●●●●UV		750 images	PRIMA 834	321979
Retransfer film	●		1000 images	PRIMA 436	321980
Colour dye film with peel off panel (YMCK-PO)	●●●●●PO		750 images	PRIMA 835	



## CLEANING KITS



Description	Order Ref.	Article N°
Pronto100 - Cleaning kit (10 cards, 1 pen)	E9100	321987
300NEO/600NEO - Cleaning kit 10crds 1pen	3633-0053	321983
Prima 8 - Cleaning Kit (10 pads + cards)	E9887	321996

## CARDS



Description	Quantity	Order Ref.	Article N°
CR80 Plain white PVC cards	500	M9006-793	322000
CR80 HiCo Magnetic Stripe PVC Cards	500	M9006-794	322001
CR80 PVC Cards w/Gold Holopatch	500	M9006-796	322002
CR80 PVC Card HiCo MagStripe - Holopatch	500	M9006-797	322003
CR80 Self Adhesive Cards	500	M9007-011	322004
CR80 Rewritable cards	100	E9323	322005
Long format cards 109mm	100	M9007-440	322633
Long format cards 140mm	100	M9007-433	322634

## PROFESSIONAL CARD DESIGN AND ISSUANCE SOFTWARE

# TRUST **id**

Fast,  
simple,  
powerful.

This is card software you  
can actually use.

You don't have to be a designer or  
database engineer to instantly print  
professional, secure ID badges with this  
easy to use software



To find out how easy to use TrustID is, download  
a free 30 day trial at: [www.magicard.com](http://www.magicard.com)  
You'll be printing ID cards in just a few minutes.



## ABOUT MAGICARD NEO

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Magicard NEO provides trusted identity for a safer world.

Magicard NEO offers ID card printing technologies with a full range of devices to meet any secure ID card issuance requirement. Magicard NEO printers are renowned for their built-in card security features, including the HoloKote secure watermark. We serve markets from Healthcare to Corporate and beyond to help with applications such as Time and Attendance and Access Control.

## ABOUT BRADY

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BRADY is one of the world's leading labelling and identification specialists

At BRADY, we believe our biggest strength is the wide range of identification and safety solutions we can offer our customers, whether it's labelling the smallest component or complete signage for an entire warehouse. We're also proud to offer many products and services - from printers, scanners and software to service contracts and on-site training - that compliment any identification job.

And don't forget, our wide network of expert distributors can always offer you a tailor-made solution to meet your specific requirements.