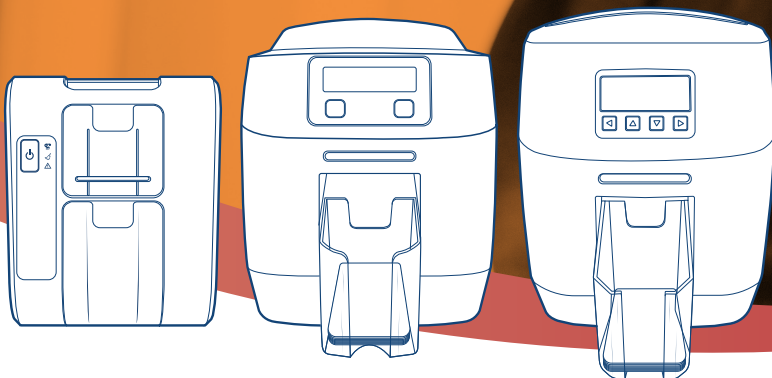


The NEO range of ID card printers with security built in.

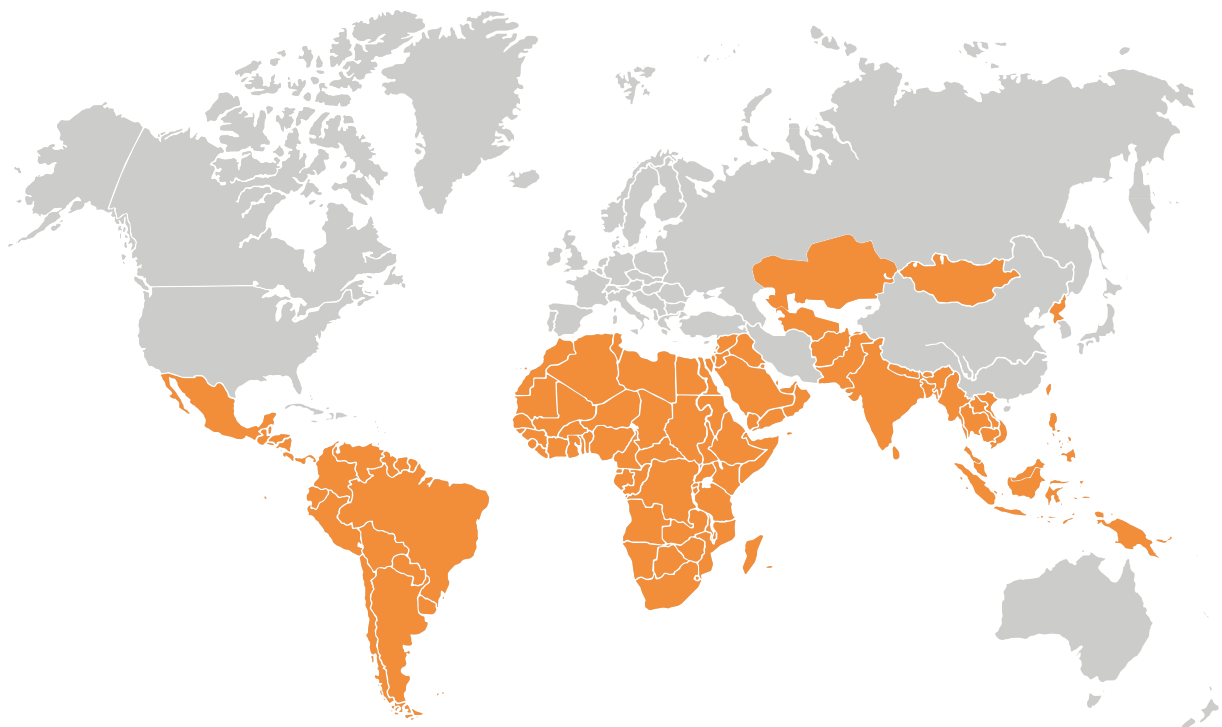


MAGiCARD NEO

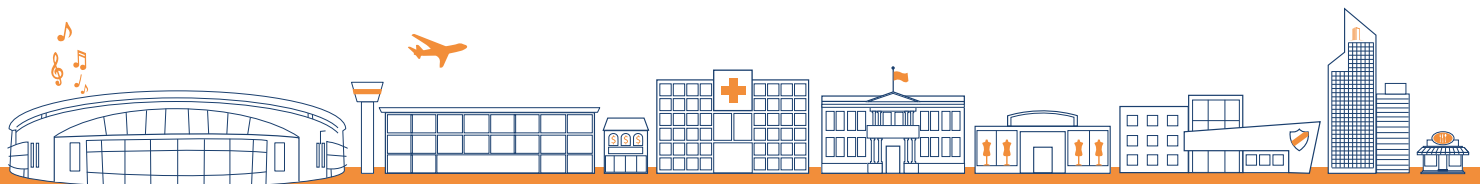
Welcome to Magicard NEO

Secure ID card printing for every budget, industry and application

The Magicard NEO range of ID card printers has been developed specifically for Asia, South America, Africa and the Middle East.



Cards are part of everyday life and have become the global standard for identity. An ID card isn't "just" an ID card; it's a repository for data. There are many uses: photo ID, physical access, data, time and attendance, logical access, payments and loyalty and membership to mention a few.



Time & Attendance



Visual Access



Physical Access



Logical Access



Product Labelling



Data Storage



Membership



Payments



Self Service

The Magicard NEO printer range

● Standard ● Option



600NEO

Professional

Print speed*

Up to 190 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, 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 3652-6552E ●

Connectivity

USB ●
Ethernet ●
Wifi ●

Compatibility

Win 11 / Win 10, 2004 and above, both 32 / 64 bit.
Windows Server 2022 / 2019 / 2016 / 2012 R2, 64 bit.
macOS latest version. Linux with CUPS support.

Card thickness

0.5 to 1.27mm / 20 to 50mil

Dimensions

211.5 W x 248 H x 475.5 Dmm / 8.3 W x 9.8 H x 18.9 D"
Weight 4.7 kg / 10.4 lb

Operating environment

Sheltered office - 10°C - 30°C / 50°F - 85°F

300NEO

Corporate

Print speed*

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

Card capacities

100 card input
70 card output

Visual security

Standard HoloKote® watermark (x4) ●
Custom HoloKote® watermark ●
HoloPatch® cards ●

Electronic security

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

Warranty*

2-year MagiCover Limited Warranty
Optional 1-year extension

Print technology

Dye sublimation/rewritable

Feed system

Manual/automatic

Upgrade

Single to double-sided 3300-6052E ●

Connectivity

USB ●
Ethernet ●

Compatibility

Win 11 / Win 10, 2004 and above, both 32 / 64 bit.
Windows Server 2022 / 2019 / 2016 / 2012 R2, 64 bit.
macOS latest version. Linux with CUPS support.

Card thickness

0.5 to 1.27mm / 20 to 50mil

Dimensions

215 W x 242 H x 408 Dmm / 8.5 W x 9.5 H x 16 D"
Weight 4.98kg / 10.9lb

Operating environment

Sheltered office 10°C - 30°C / 50°F - 85°F

100NEO

Small Office

Print speed*

Up to 157-200 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
Optional 1-year extension.

Print technology

Dye sublimation/rewritable

Feed system

Manual/automatic

Upgrade

N/A

Connectivity

USB ●
Ethernet ●

Compatibility

Win 11 / Win 10, 2004 and above, both 32 / 64 bit.
Windows Server 2022 / 2019 / 2016 / 2012 R2, 64 bit.
macOS latest version. Linux with CUPS support.

Card thickness

0.5 to 1.27mm / 20 to 50mil

Dimensions

180 W x 208 H x 255 Dmm / 7 W x 8.2 H x 10 D"
Weight 2.9kg / 6.3lb

Operating environment

Sheltered office 10°C - 30°C / 50°F - 85°F

HIGHLIGHTS

SPECIFICATIONS

Print speed depends on print design and printing conditions.*

Security features



We're all about security. That's why we developed the HoloKote® watermark available for all of our printers. HoloKote® technology was pioneered by Magicard to apply a secure watermark to each card during the printing process.



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.



This feature, which is available on the 300NEO and 600NEO, 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.



Security features



The NEO range of printers all offer additional security in the form of 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.



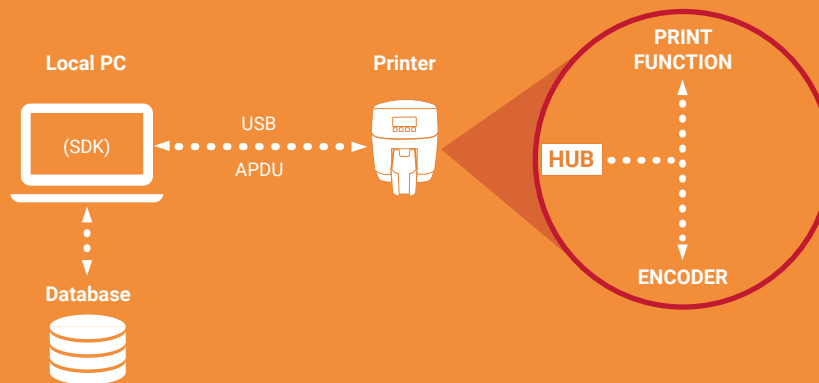
The NEO range of printers all incorporate Threat Benchmarking where we run security scans against the National Vulnerabilities Database and push regular updates to the device, ensuring that the printer software and associated system configuration conform to the highest levels of security.



Many enterprises hold sensitive and personal information securely within a protected datacentre. In order to comply with data protection regulations, Single Line Encoding, (available as an option for the 300NEO and 600NEO) 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.

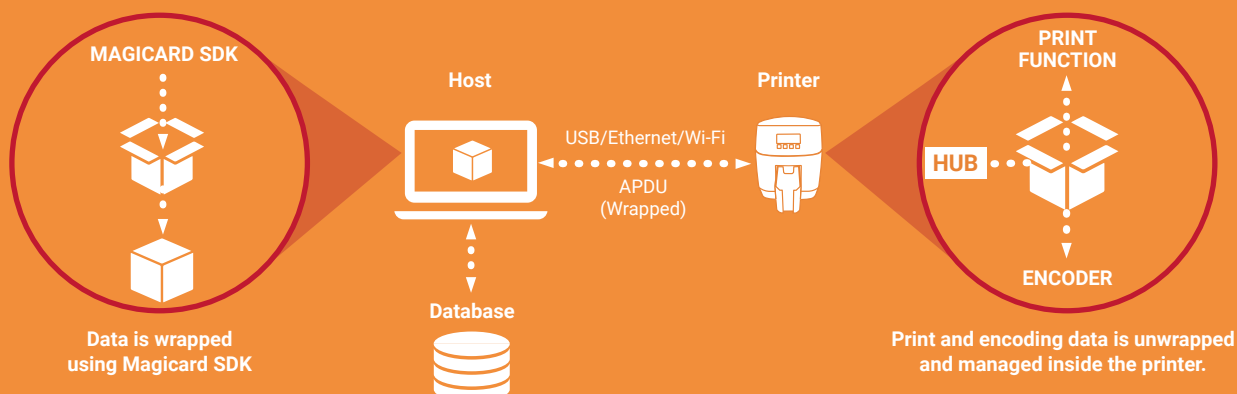
SMART CARD ENCODING PROCESS - STANDARD

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.



600NEO

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

Pioneering security -

- HoloKote® - choose from up to 10 anti-fraud customised HoloKote® watermarks to print on every card.
- Digital shredding™ - once information has been used for a print job, it is fragmented and dispersed, rendering it irrecoverable
- Threat benchmarking - scans are run against the comprehensive vulnerability assessment tool, Nessus Pro and push regular updates to the device, ensuring that the printer software and associated system configuration conform to the highest levels of security.

An eye for detail - capable of printing at 600 x 300 dpi resin only, the 600NEO allows you to include even 5 point text - and make it legible.

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

Remote management - manage all aspects of printer set-up, maintenance, diagnostics and operation. Remotely monitor printer usage and consumables status.



Printer highlights

<p>190 1HR</p> <p>Printing speed Up to 190 full colour cards per hour</p>	<p>100/70</p> <p>Card capacities 100 card input 70 card output</p>	<p>3 YEAR</p> <p>Limited Warranty</p>	<p>x10</p> <p>Visual security 10 x Standard or custom HoloKote® watermark</p>	<p>Windows OS X</p> <p>Operating systems Windows and Mac OS compatible</p>
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Features

Standard

VISUAL SECURITY HoloKote®	Optimised colour profiles	100 Card input hopper	3 Limited warranty	Edge to edge	600 x 300 dpi capable
AFc Rewritable	clix Remote management	Digital shredding	Ethernet	WiFi ready	Threat benchmarked

Optional

VISUAL SECURITY HoloPatch®	CUSTOM HoloKote®	Magnetic stripe	Smart card encoding	1 >> 2 Duplex upgrade	101101 010011 Single line encoding
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HoloKotes® for 600NEO



300NEO

Robust, durable and reliable, the 300NEO is perfect for schools, colleges and medium sized businesses that print up to 10,000 cards per year.

The 300NEO is easy to keep up-to-date with the latest features and fixes as and when they're available and its firmware analyses the colours sent by the driver and the film type fitted and prints the panels in a sequence so that film panels are not wasted.

Pioneering security -

- HoloKote® - a security watermark can be printed across the card surface. The 300NEO comes with 4 standard designs and allows you to add up to 4 custom designs such as your company logo, or another unique security design.
- Digital shredding™ - once information has been used for a print job, it is fragmented and dispersed, rendering it irrecoverable, addressing the worldwide demand for regulation of personal information.

Remote management - manage all aspects of printer set-up, maintenance, diagnostics and operation. Remotely monitor printer usage and consumables status.



Printer highlights

160 1HR

Printing speed
Up to 160 full colour cards per hour

100/70

Card capacities
100 card input
70 card output

2 YEAR

Limited Warranty

x4

Visual security
4 x Standard or custom HoloKote® watermark

Windows | OS X

Operating systems
Windows and Mac OS compatible

Features

Standard

VISUAL SECURITY HoloKote®	Optimised colour profiles	100 Card input hopper	2 Limited warranty	Edge to edge	DTC Photo quality printing
ABC Rewritable	clix Remote management	Digital shredding	Ethernet	! Threat benchmarked	

Optional

VISUAL SECURITY HoloPatch®	LOGO CUSTOM HoloKote®	Magnetic stripe	Smart card encoding	1 >> 2 Duplex upgrade	101101 010011 Single line encoding
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HoloKotes® for 300NEO



100NEO

Designed from the ground up to be best in class: the powerful 100NEO packs a mighty punch. With a focus on high speed, the highest quality and with the environment a key factor in every aspect of its design and manufacture, the 100NEO has been developed to exceed the expectations of today's tech-savvy and connected consumer.

Bundled "MagiCard PrintanID" software enables users to easily produce pin-sharp cards every time, while the power of Magicard's Clix user interface lets users, wherever they are, operate the 100NEO over company intranets.

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

High speed – Quick to set up, quick to operate and quick to deliver the best results. The 100NEO offers the highest print speed in Magicard's smallest printer package available today.

Quality – The 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.



Printer highlights

<p>1 18s</p> <p>Printing speed Prints 1 full colour card per 18 seconds (High speed mode)</p>	<p>50</p> <p>Card capacities 50 card input 50 card output</p>	<p>2 YEAR</p> <p>Limited Warranty</p>	<p>x3</p> <p>Visual security 3 x Standard HoloKote® watermark</p>	<p>Windows OS X</p> <p>Operating systems Windows and Mac OS compatible</p>
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Features

Standard

<p>Optimised colour profiles</p>	<p>VISUAL SECURITY HoloKote®</p>	<p>High speed print</p>	<p>Limited warranty</p>	<p>Edge to edge</p>	<p>DTC Photo quality printing</p>
<p>50 Card input hopper</p>	<p>Remote management</p>	<p>Digital shredding</p>	<p>Small footprint</p>	<p>Ethernet</p>	<p>Threat benchmarked</p>

Optional

<p>VISUAL SECURITY HoloPatch®</p>
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HoloKotes® for 100NEO



Software



Magicard's easy to use badging 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.



Warranty



	 Limited warranty		 Limited warranty
	100NEO	300NEO	600NEO
2 Year Warranty*	✓	✓	
3 Year Warranty*			✓
Optional 1 Year Warranty Extension (at purchase)	✓	✓	✓
Tech support accessed via www.magicard.com	✓	✓	✓

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

Environment

Magicard makes a donation per printer sold in each region which pays for a tree to be planted in either Africa, Central America or Asia Pacific. Magicard also tops-up this donation with additional corporate funds contributing to OneTreePlanted's important reforestation work and delivering a viable carbon-offset scheme which benefits the Planet.



Printer Variants

100NEO		Product code	
100NEO		3100-6001/4	

300NEO		Product code	
300NEO Uno		3300-6001/4	
300NEO Uno Mag		3300-6002/4	
300NEO Uno Smart		3300-6003/4	
300NEO Uno Mag Smart		3300-6004/4	
300NEO Uno Smart SLE		3300-6005/4	
300NEO Uno Mag Smart SLE		3300-6006/4	
300NEO Duo		3300-6021/4	
300NEO Duo Mag		3300-6022/4	
300NEO Duo Smart		3300-6023/4	
300NEO Duo Mag Smart		3300-6024/4	
300NEO Duo Smart SLE		3300-6025/4	
300NEO Duo Mag Smart SLE		3300-6026/4	

600NEO		Product code	
600NEO Uno		3652-6501/4	
600NEO Uno Mag		3652-6502/4	
600NEO Uno Smart		3652-6503/4	
600NEO Uno Mag Smart		3652-6504/4	
600NEO Uno Smart SLE		3652-6505/4	
600NEO Uno Mag Smart SLE		3652-6506/4	
600NEO Duo		3652-6521/4	
600NEO Duo Mag		3652-6522/4	
600NEO Duo Smart		3652-6523/4	
600NEO Duo Mag Smart		3652-6524/4	
600NEO Duo Smart SLE		3652-6525/4	
600NEO Duo Mag Smart SLE		3652-6526/4	

Consumables

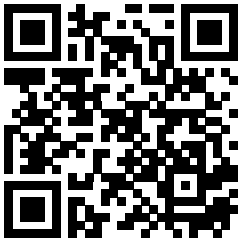
300NEO and 600NEO Dye Film		Product capacity	Product code
Colour dye film with overcoat panel (YMCKO)		100	MN100YMCKO/4
Double-sided dye film, prints colour on one side, black on reverse (YMCKOK)		250	MN250YMCKOK/4
Half panel, double-sided dye film, prints colour on one side, black on reverse with overcoat panel (YMCKOKO)		250	MN250YMCKOKO-HF/4
Colour dye film with overcoat panel (YMCKO)		300	MN300YMCKO/4
Half panel, double-sided dye film, prints colour on one side, black on reverse (YMCKOK)		450	MN450YMCKO-HALF/4
Monochrome resin dye film - Black		1000	MA1000K-Black
Monochrome resin dye film - White		1000	MA1000K-White
Monochrome resin dye film - Silver		1000	MA1000K-Silver
Monochrome resin dye film - Gold		1000	MA1000K-Gold
Monochrome resin dye film - Green		1000	MA1000K-Green
Monochrome resin dye film - Blue		1000	MA1000K-Blue
Monochrome resin dye film - Red		1000	MA1000K-Red

100NEO Dye Film		Product capacity	Product code
Colour dye film with overcoat panel (YMCKO)		100	MP100YMCKO/4
Colour dye film with overcoat panel (YMCKO)		100	MP100YMCKO/4B

Cards		Product code
Premium blank white cards - CR80		M9006-793
Blank white cards with magnetic stripe - CR80		M9006-794
HoloPatch® blank white cards with gold seal - CR80		M9006-796
HoloPatch® blank white cards with gold seal and mag stripe - CR80		M9006-797

Cleaning Kits		Product code
300NEO/600NEO cleaning kit - 10 cleaning cards, 1 pen		3633-0053
300NEO/600NEO roller cleaning kit 5 sleeves, 1 roller bar		3633-0054
100NEO cleaning card		E9310
100NEO cleaning kit - 10 cleaning cards, 1 pen		E9100

Find your nearest dealer here:



Global contacts



Headquarters and manufacturing centre

Hampshire Road, Weymouth,
Dorset DT4 9XD, United Kingdom

Tel: +44 (0)1305 47 00 00

Email: info@magicard.com

www.magicard.com

Legal

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