

600NEO

Hi-res, data-secure
direct-to-card printing.



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), 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

Printing speed Up to 190 full colour cards per hour	Card capacities 100 card input 70 card output	Limited Warranty	Visual security 10 x Standard or custom HoloKote® watermark	Operating systems Windows and Mac OS compatible
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Printer features

Standard			Optional	
Optimised colour profiles	VISUAL SECURITY HoloKote®	Card input hopper	VISUAL SECURITY HoloPatch®	CUSTOM HoloKote®
Rewritable	Remote management	Digital shredding	Magnetic stripe	Smart card encoding
Limited warranty	Edge to edge	600 x 300 dpi capable	Duplex upgrade	Single line encoding
Ethernet	Threat benchmarked	WiFi ready		

Remote management & control



The 600NEO uses the latest version of Magicard's Clix remote user interface, giving users remote control of the device to manage all aspects of printer set-up, maintenance, diagnostics and operation.

The simplest 'plug and play' set on the market combined with easy control of device settings, it helps with the management of supplies and enables proactive ordering mechanisms to be established.

Clix allows for remote monitoring of activity and the status of the printer and its consumables from any web-enabled device on the same network.

Warranty



The 600NEO comes with a 3 year MagiCover NEO Limited Warranty.



Security built in

Digital shredding™ - The 600NEO is equipped with Magicard's 'Digital Shredding' function which renders data sent to the printer unreadable after use – contributing to users' data security and enhancing compliance with GDPR.

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.

Anti-fraud - The 600NEO comes with 10 standard HoloKote® designs, Magicard's patented HoloKote® security watermark which can be printed across the card surface. When used with HoloPatch® cards, one area of the HoloKote® watermark can be highlighted as a high visibility security seal.



Software



Magicard's easy to use badging software for the Magicard NEO range.

Commitment to the environment

Whether through carbon offset or actively seeking to reduce the individual footprint of devices, Magicard's approach is driven by recognition of the importance of environmental issues to consumers worldwide.

Magicard's support of One Tree Planted sees the company plant a tree for every printer sold.

Since entering the scheme, Magicard has planted 30,000 trees resulting in a potential CO₂ offset of 660 tonnes p.a. This equates to the annual mileage of 150 cars or every journey undertaken by Magicard's global workforce for both personal and professional purposes and a significant proportion of our ground transportation for products worldwide.



600NEO

Printer specifications

Print mode

Colour dye sublimation, monochrome thermal printing and rewritable technology.

Print speed - single-sided

Colour: 190 cards per hour
Monochrome: 750 cards per hour

Card security

A HoloKote® security watermark can be printed across the card surface, the 600NEO comes with 10 standard designs. When used with HoloPatch® cards, one area of the HoloKote® watermark can be highlighted as a high visibility security seal.

Card capacity

100 input card feeder/hopper
 70 output card stacker/hopper

Warranty**

3 year MagiCover NEO limited warranty

Printer interfaces

High Speed USB 2.0, USB 3.0 compatible - Type B, 10/100 Ethernet. Wifi.

Driver 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.

Weight

4.7 kg / 10.4 lb

Power source

24V DC external power supply

Dimensions

211.5 W x 248 H x 475.5 Dmm
 8.3 W x 9.8 H x 18.9 D"

Operating environment

Sheltered office environment 10°C to 30°C / 50°F to 85°F.

Consumables

Dye film

Colour dye film with overcoat panel (YMCKO) 100 images	MN100YMCKO/4
Double-sided dye film, prints colour on one side, black on reverse (YMCKOK) 250 images	MN250YMCKOK/4
Half panel, double-sided dye film, prints colour on one side, black on reverse with overcoat panel (YMCKOKO) 250 images	MN250YMCKOKO-HF/4
Colour dye film with overcoat panel (YMCKO) 300 images	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 images	MA1000K-Black
Monochrome resin dye film - White 1000 images	MA1000K-White
Monochrome resin dye film - Silver 1000 images	MA1000K-Silver
Monochrome resin dye film - Gold 1000 images	MA1000K-Gold
Monochrome resin dye film - Green 1000 images	MA1000K-Green
Monochrome resin dye film - Blue 1000 images	MA1000K-Blue
Monochrome resin dye film - Red 1000 images	MA1000K-Red

Card types/thickness

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 & mag stripe - CR80	M9006-797

Cleaning supplies

Cleaning kit - 10 cleaning cards, 1 pen	3633-0053
Roller cleaning kit - 5 sleeves, 1 roller bar	3633-0054

Variants

Part No.

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