



# 100NEO



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The smallest, fastest, best quality  
ID card printer in its class.

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MAGiCARD NEO

# 100NEO

## Introducing the Magicard 100NEO

Do not underestimate its tiny frame. 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 NEO PrintanID" software enables users to 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.

The result? A 21st century printer that incorporates Magicard's decades of card printer experience at a price point appealing to all sectors and which is made to last in Great Britain.

**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.

- HD photo quality - 23 seconds per card
- Standard colour - 18 seconds per card
- Monochrome - 4.7 seconds per card

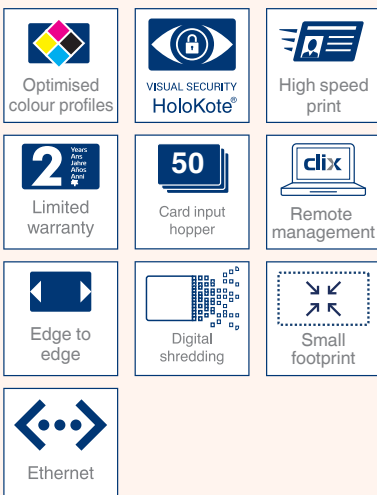
**Quality** – The 100NEO packs a mighty punch delivering HD photo quality printing out of the box. Delivering photo-realistic colour reproduction, and with top-quality edge-to-edge printing guaranteed, your printed cards will never look so good.

**Built-in simplicity** – Despite its advanced features, the 100NEO is no prima donna. Like all Magicard products, the 100NEO has been designed to be low maintenance and has been built with the best quality materials in a world-class manufacturing facility. The 100NEO will therefore require only limited support: users do not need a doctorate to use this printer.



## Printer features

### Standard



### Optional



## Remote management & control

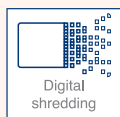
The 100NEO uses the latest version of Magicard's Clix remote user interface, giving users remote control of the device to manage all aspects of printer set-up, maintenance, diagnostics and operation.

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.



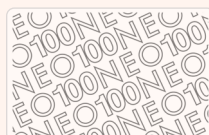
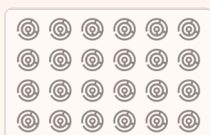
## Security built in



**Digital shredding™** - Like its bigger stablemate, the 360NEO, the 100NEO 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.



**Anti-fraud** - The 100NEO comes with 3 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.



## 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.

The 100NEO marks the start of Magicard's move towards devices which have a high level of designed-in recyclability. All future devices will be built with this in mind.

The 100NEO is manufactured and packaged from over 75% recycled or recyclable material.

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 CO<sub>2</sub> 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.



# 100NEO

## Printer specifications

### Print mode

Colour dye sublimation, monochrome thermal printing and rewritable technology.

### Print speed - single-sided

**Photo Quality Colour:** 23 seconds per card / 157 cards per hour

**High Speed Quality Colour:** 18 seconds per card / 200 cards per hour

**Monochrome:** 4.7 seconds per card / 766 cards per hour

### Card security

A HoloKote® security watermark can be printed across the card surface, the 100NEO comes with 3 standard designs. When used with HoloPatch® cards, one area of the HoloKote® watermark can be highlighted as a high visibility security seal.

### Card capacity

50 input card feeder/hopper

50 output card stacker/hopper

### Warranty\*\*

2 year MagiCover NEO limited warranty (See your local dealer for validity in India)

### Printer interfaces

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

### Driver compatibility

Win 10 / Win 8.1 / Win 7 (SP1), both 32 / 64 bit.

Windows Server 2016 (64 bit) / 2012 (64 bit) / 2008 R2 (SP1) (64 bit).

macOS Mojave 10.14.6 onwards. Linux with CUPS support.

### Weight

2.9kg / 6.3lbs

### Power source

24V DC external power supply

### Dimensions

255mm L x 180mm W x 208mm H / 10" L x 7" W x 8.2" H (closed input/output trays)

309mm L x 180mm W x 208mm H / 12.2" L x 7" W x 8.2" H (open input/output trays)

### Operating environment

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

## Consumables

### Part No.

### Dye film

100NEO YMCKO dye film 100 images

MP100YMCKO/4

100NEO YMCKO dye film 100 images

MP100YMCKO/4B

### Card types/thickness

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

0.50mm to 1.00mm / 0.020" to 0.040".

### Cleaning supplies

Cleaning Card

E9310

Cleaning Kit - 10 cleaning cards, 1 pen

E9100



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Directors: N. Roberts, E. Tranter (Chairman),  
S. Stanley (Managing Director)



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

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