

# 100NEO

---

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

---



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

## Printer features

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

## 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.

## Warranty



The 100NEO comes with a 2 year MagiCover NEO Limited Warranty.

## Software



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

## 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<sup>2</sup> 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.

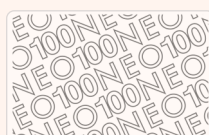


## Security built in

**Digital shredding™** - 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.

**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 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.



# 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.

### Printer interfaces

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

### 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

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

Premium blank white cards - CR80	M9006-793
HoloPatch® blank white cards with gold seal - CR80	M9006-796

### Cleaning supplies

100NEO cleaning card	E9310
100NEO cleaning kit - 10 cleaning cards, 1 pen	E9100

## Variants

### Part No.

100NEO	3100-6001/4
--------	-------------

## Contacts



### Singapore Office (Main)

2 Sims Close,  
 #02-04 Gemini@Sims, Singapore

**Tel:** (+65) 6742 9255

**Email:** sales@paclin.com.sg

[www.paclin.com.sg](http://www.paclin.com.sg)



### Kuala Lumpur

No.23-1 & 23-3, Jalan PJJU 1/37.  
 Dataran Prima 47301 Petaling Jaya,  
 Selangor Darul Ehsan Malaysia

**Tel:** +603 7880 6181

+603 7880 9193

**Email:** sales@paclin.com.my

[www.paclin.com.my](http://www.paclin.com.my)

## Legal

Magicard, HoloKote, Custom HoloKote, HoloPatch, Pronto, Enduro, Rio Pro and Ultima are trademarks or registered trademarks of Magicard 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.