

# 300NEO

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Reliable and secure  
direct-to-card printing.

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# 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

<p><b>160</b> 1HR</p> <p><b>Printing speed</b> Up to 160 full colour cards per hour</p>	<p><b>100/70</b></p> <p><b>Card capacities</b> 100 card input 70 card output</p>	<p><b>2 YEAR</b></p> <p><b>Limited Warranty</b></p>	<p><b>x4</b></p> <p><b>Visual security</b> 4 x Standard or custom HoloKote® watermark</p>	<p><b>Windows   OS X</b></p> <p><b>Operating systems</b> Windows and Mac OS compatible</p>
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## Printer features

Standard			Optional	
Optimised colour profiles	VISUAL SECURITY HoloKote®	<b>100</b> Card input hopper	VISUAL SECURITY HoloPatch®	CUSTOM HoloKote®
Rewritable	Remote management	Digital shredding	Magnetic stripe	Smart card encoding
Limited warranty	Edge to edge	Photo quality printing	Duplex upgrade	Single line encoding
Ethernet	Threat benchmarked			

## Remote management & control



The 300NEO 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 300NEO comes with a 2 year MagiCover NEO Limited Warranty.



## 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 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 300NEO 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 300NEO comes with 4 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.



# 300NEO

## Printer specifications

### Print mode

Colour dye sublimation, monochrome thermal printing and rewritable technology.

### Print speed - single-sided

**Colour:** 160 cards per hour  
**Monochrome:** 720 cards per hour

### Card security

A HoloKote® security watermark can be printed across the card surface, the 300NEO comes with 4 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\*\*

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

4.98kg / 10.9lb

### Power source

24V DC external power supply

### Dimensions

215 W x 242 H x 408 Dmm  
 8.5 W x 9.5 H x 16 D"

### Operating environment

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

## Consumables

### Part No.

### 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.

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

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