

300

Reliable and secure
direct-to-card printing



300

Reliability and security: built in.

Robust, durable and reliable, the Magicard 300 is perfect for schools, colleges and medium sized businesses that print up to 10,000 cards per year. When it comes to secure and reliable ID card printing, you can trust the Magicard 300 to deliver.

High quality - The Magicard 300 offers a wide colour spectrum and prints at 300 x 300 dpi – great for photographs on ID cards and more accurate depiction of corporate logos and other images.

Easy to use - to get you up and running quickly and easily, the Magicard 300 integrates with existing network infrastructure 'out of the box' via USB, minimising set-up time and requiring little technical knowledge.

Flexible - batch print with the interchangeable 100-card feeder or print one-offs or rewritable cards with the hand-feeder. Upgrade a single-sided Magicard 300 to double-sided printing through the electronic upgrade kit.

Efficient - The Magicard 300's 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.

Resilient - Built with high performance purpose-built materials and advanced components, the Magicard 300 is designed and manufactured at Magicard's centre of excellence for manufacturing in the UK and is backed by 24/7 Technical Support and warranty.

Fast speeds - each full colour, single-sided card, with HoloKote®, can be printed in under 23 seconds while a resin-only version takes fewer than 6 seconds.

Updates and upgrades - The Magicard 300 is easy to keep up-to-date with the latest features and fixes as and when they're available.



Printer features

Standard



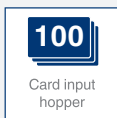
Optimised colour profiles



VISUAL SECURITY HoloKote®



Limited warranty



Card input hopper



Rewritable



Online upgrades



Ethernet

Optional



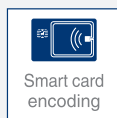
CUSTOM HoloKote®



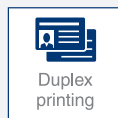
VISUAL SECURITY HoloPatch®



Magnetic stripe



Smart card encoding



Duplex printing

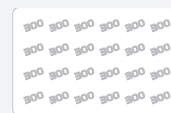


Duplex upgrade

Card security options

HoloKote®

A standard security watermark printed across the entire card surface. The 300 HoloKote® features 3 standard designs.



VISUAL SECURITY HoloKote®

Custom HoloKote®

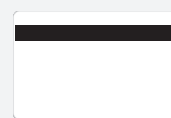
A fully flexible and customisable secure watermark printed across the entire card surface.



CUSTOM HoloKote®

Magnetic stripe

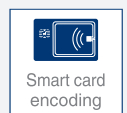
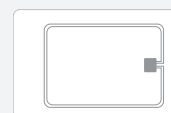
The 300 can be specified with ISO standard 7811 compatible HiCo encoding of magnetic stripe cards.



Magnetic stripe

Smart card encoding

Smart card encoding options: Contact chip, Mifare®, Desfire®, iClass®.

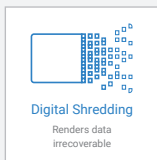


Smart card encoding

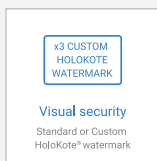




Secure



Digital shredding™ - once data has been used for the print job, it is fragmented, rendering it irrecoverable, helping to ensure the Magicard 300 is not a repository for data.



Anti-fraud - the Magicard 300 has the ability to print a customisable HoloKote® watermark on every card. Each device has the built-in ability to receive up to 3 anti-fraud customised HoloKotes® direct to the printer via Magicard's web tool.

Free 3 year limited warranty



The Magicard 300 is backed by a 3 year limited warranty which includes printhead cover** and direct access to the global Magicard technical support team. A further one-year warranty is available at time of purchase.

**Available in the UK, EU, North America and other selected territories. 3 years or 250,000 panels limited manufacturer's warranty. Covers poor workmanship, manufacturing defects and component failure - conditional with use of approved Magicard consumables and observance of correct routine maintenance and frequency.

300

Printer specifications

Print mode

Colour dye sublimation, monochrome thermal printing and rewritable technology.

Print speed - single-sided

Colour: 23 seconds per card / 160 cards per hour.

Monochrome: 6 seconds per card / 720 cards per hour.

Card security

A HoloKote® security watermark can be printed across the card surface. The Magicard 300 comes with 3 standard designs and allows you to add up to 3 custom designs such as your company logo, or some other unique security design.

When used with HoloPatch® cards, one area of the HoloKote® watermark can be highlighted as a high visibility security seal.

Encoding security options

Magnetic stripe encoding: HiCo and LoCo ISO 7811.

Smart card encoding: Contact chip, MIFARE®, DESFire® and iClass®. Others available.

Warranty**

3 years limited warranty with direct access to the global Magicard technical support team.
- Available in North America, EU and other selected territories. **Elsewhere a minimum of one year limited depot warranty.

Card capacity

100 card feeder, 70-card stacker.

Printer interfaces

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

Driver compatibility

Windows 7, 8, 10 (32 and 64bit) Windows server 2008, 2012, 2016.

Linux with CUPS support and Mac OS X 10.9.0 upwards.

Weight

4.98kg / 10.9lb

Power source

External power supply 100-240V 50-60Hz autoranging.

Dimensions

408mm L x 215mm W x 242mm H / 16" L x 8.5" W x 9.5" H
(including feeder and stacker.)

Operating environment

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

Consumables

Part No.

Dye film

Magicard 300 YMCKO dye film 200 images	MC100YMCKO/2*
Magicard 300 YMCKO dye film 200 images	MC100YMCKO/3*
Magicard 300 YMCKOK dye film 250 images	MC250YMCKOK/2*
Magicard 300 YMCKOK dye film 250 images	MC250YMCKOK/3*
Magicard 300 YMCKO dye film 300 images	MC300YMCKO/2*
Magicard 300 YMCKO dye film 300 images	MC300YMCKO/3*
Magicard 300 KO film 600 images	MC600KO/2*
Magicard 300 KO film 600 images	MC600KO/3*

(* Region codes; /2 - USA; /3 - Europe, Japan, South Korea and Australasia)

Card types/thickness

CR80/CR79 PVC ISO blank cards, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch® cards. 0.51mm to 1.27mm / 0.020" to 0.050".

HoloPatch® cards

Use HoloKote® with HoloPatch® for a highly-visible gold seal on the card.

Cleaning supplies

Cleaning kit - 10 cleaning cards, 1 pen.	3633-0053
Cleaning roller kit - 5 cleaning rollers, 1 metal roller bar.	3633-0054

Variants

Part No.

Magicard 300 Uno	3300-0001/2*
Magicard 300 Uno	3300-0001/3*
Magicard 300 Uno Mag	3300-0002/2*
Magicard 300 Uno Mag	3300-0002/3*
Magicard 300 Uno Smart	3300-0003/2*
Magicard 300 Uno Smart	3300-0003/3*
Magicard 300 Uno Mag Smart	3300-0004/2*
Magicard 300 Uno Mag Smart	3300-0004/3*
Magicard 300 Duo	3300-0021/2*
Magicard 300 Duo	3300-0021/3*
Magicard 300 Duo Mag	3300-0022/2*
Magicard 300 Duo Mag	3300-0022/3*
Magicard 300 Duo Smart	3300-0023/2*
Magicard 300 Duo Smart	3300-0023/3*
Magicard 300 Duo Mag Smart	3300-0024/2*
Magicard 300 Duo Mag Smart	3300-0024/3*

(* Region codes; /2 - USA; /3 - Europe, Japan, South Korea and Australasia)

Online upgrades

Online double-sided upgrade

Upgrade the Magicard 300 Uno to the Magicard 300 Duo.	3300-0052E
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Delivered online through the driver interface.

Online Custom HoloKote® upgrade

Grid or full card pattern. Up to three custom designs can be added through the driver interface using the online HoloKote® tool.



**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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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.



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