

The industry standard for ID printing has advanced

- » faster print speed
- » enhanced security options
- » improved print quality
- » embedded CPU



Rio **PRO** 360™

MAGiCARD®

ID with an IQ

Magicard has raised the bar. The Rio Pro 360 is everything users love about the original Rio Pro but with faster print speed, increased capacity and improved print quality. All of this is powered by the all new LYNK onboard intelligence – for identity with an IQ.

LYNK intelligence

This is a printer with intelligence. The 360 is the first desktop ID card printer with an embedded Linux-based CPU. This enables seamless communication and the secure processing of ID data – just imagine it's got a brain onboard.

Connectivity intelligence

LYNK recognises USB and Ethernet and can easily be integrated with most third-party applications locally or in the cloud. WiFi connectivity will soon be available.



Optimised intelligence

The 360 is Magicard's fastest printer to date. The new electronics and software platform has enabled significant performance improvements. From the moment you hit print, the 360 instantly gets to work. Full colour cards with HoloKote® print in just 18 seconds click-to-card.

The LYNK onboard CPU has a wider colour spectrum to choose from. Printing is even more vibrant and colour rich – which on an ID card means a truer representation of the subject.

Versatile intelligence

The state-of-the-art Rio Pro 360 is a cost-effective way to create secure ID cards in high volumes. The choice of 100 or 200 input card hoppers provides users with the opportunity to batch print large number of cards in one go.

Secure intelligence

Like its predecessor, the Rio Pro 360 can print an anti-fraud customised watermark on every card. LYNK now enables the secure online delivery of bespoke HoloKote® watermarks to the printer. Where previously only one design was available per printer, now users can store up to ten.



Rio PRO 360™



Printer features

Standard



High speed
print



VISUAL SECURITY
HoloKote®



Optimised
colour profiles



Extra large
hoppers



Encryption
ready



Edge to
edge



Rewritable



Ethernet

Optional



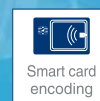
CUSTOM
HoloKote®



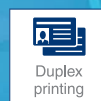
VISUAL SECURITY
HoloPatch®



Magnetic
stripe



Smart card
encoding



Duplex
printing



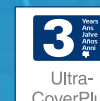
Duplex
upgrade



Online
upgrades



WiFi ready



Ultra-
CoverPlus

Free 3 year limited warranty and support*

The Rio Pro 360 is backed by the best warranty in the industry. The fully comprehensive three-year UltraCoverPlus package includes no-quibble printhead cover and a hot-swap loaner service. 360 users will never be without their printer and always have full access to the global Magicard technical support team.

*Available in the UK, EU, North America and other selected territories. Elsewhere a minimum of one year limited depot warranty.

Rio Pro 360 - the intelligent identity solution

The intelligent identity solution for:

Enterprise, facilities, education, governments and payment applications.

Printer highlights



Printer specifications

Print mode

Colour dye sublimation, monochrome thermal printing and rewritable technology.

Print speed - single-sided

Colour: 18 seconds per card / 200 cards per hour.

Monochrome: 5 seconds per card / 750 cards per hour.

Card security

A HoloKote security watermark can be printed across the card surface. With the Rio Pro 360, this watermark can be customised to an organisation's logo, or some other unique security design. LYNK enables the secure online delivery of up to ten bespoke HoloKotes to the printer through the driver interface.

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, JIS2.

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

Warranty**

3 years UltraCoverPlus with full printhead coverage and free loaner service - Available in North America, EU and other selected territories. Elsewhere a minimum of one year limited depot warranty.

Card capacity

100/200-card feeder, 70-card stacker.

Printer interfaces

High Speed USB 2.0, USB 3.0 compatible - Type B, 10/100 Ethernet. 2x internal USB 2.0 (one host) - Type A.

Driver compatibility

Windows XP, Vista, 7, 8, 10 (32 and 64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016. Mac OS X 10.9.0 upwards. Linux with CUPS support.

Weight

4.7kg / 10.4 lbs.

Power source

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

Dimensions

470mm L x 220mm W x 300mm H / 18.5" L x 8.6" W x 12" H including feeder and stacker.

Operating environment

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

Consumables

Dye film

- YMCKO 5 panel dye film, 300 images. **MA300YMCKO**
- YMCKOK 6 panel dye film, 250 double-sided images, colour on front, black on back (double-sided only). **MA250YMCKOK**
- Monochrome resin black dye film, 1000 images. Also available in *White, *Blue, *Green, *Red, *Gold and *Silver. **MA1000K-Black***
- KO black and overcoat resin dye film, 600 images. **MA600KO**

Card types/thickness

CR80/CR79 PVC ISO blank cards, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch cards. 0.51mm to 1.02mm / 0.020" to 0.040".

HoloPatch® cards

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

Cleaning kit

10 cleaning cards, 1 pen. **3633-0053**

Cleaning roller kit

5 cleaning rollers, 1 metal roller bar. **3633-0054**

Variants

	Part No.
Rio Pro 360 Uno	3652-3001
Rio Pro 360 Uno Mag	3652-3002
Rio Pro 360 Uno Smart	3652-3003
Rio Pro 360 Uno Mag Smart	3652-3004
Rio Pro 360 Duo	3652-3021
Rio Pro 360 Duo Mag	3652-3022
Rio Pro 360 Duo Smart	3652-3023
Rio Pro 360 Duo Mag Smart	3652-3024

Online upgrades

Online double-sided upgrade

Upgrade the Rio Pro 360 Uno to the Rio Pro 360 Duo. Delivered online through the driver interface.

Online Custom HoloKote upgrade

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

Card security options

HoloKote®

An anti-fraud watermark printed across the entire card surface. The Rio Pro 360 includes ten standard designs.



x10

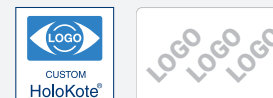
HoloPatch®

HoloPatch cards have a highly reflective gold 'super diffuser' foil square that enhances the visibility of the overprinted HoloKote logo.



Custom HoloKote®

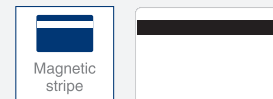
Up to ten bespoke watermark designs can be added through the driver interface using the online HoloKote tool.



x10

Magnetic stripe

The Rio Pro 360 can be specified with ISO 7811 HiCo and LoCo encoding of magnetic stripe cards. Other formats available on request.



Smart card encoding

The Rio Pro 360 can be specified with contact chip, MIFARE®, DESFire® and iClass® encoding capability. Other formats available on request.



**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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