

# Rio<sup>TM</sup> PRO

## The professional's choice for secure card printing



### SECURE

The Magicard Rio Pro's patented HoloKote® security technology adds a watermark to the card as it is printed - it requires no additional consumables and can be customized to an individual logo design - enabling true security at no extra cost. Secure encoding options include magnetic stripe, contactless and smart card technologies.

### EXPERT

Built for professionals, the Rio Pro's superior card printing quality is enhanced by ICC profiles that seamlessly map colors between software and the printer. The clear 4-line display provides intelligent user information and interaction.

### FLEXIBLE

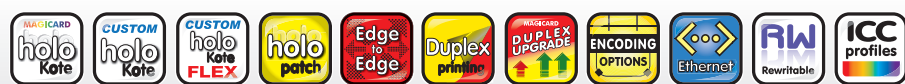
USB and Ethernet interfaces are complemented with a Microsoft-certified plug & play driver. Batch print with the interchangeable 100-card feeder or print one-offs or rewritable cards with the hand-feeder. Upgrade a single-sided Rio Pro to double-sided printing using a simple in-field upgrade kit.

### TOUGH

Built with high performance purpose-built materials and advanced components, the Rio Pro is designed and manufactured at Ultra Electronics' center of excellence for manufacturing in the UK and is backed with the market-leading UltraCoverPlus warranty.



**3 year UltraCoverPlus warranty**  
The Rio Pro is supplied with a free, 3 year warranty with hassle-free printhead cover and loaner service.



PROFESSIONAL SERIES



# MAGICARD<sup>®</sup>

Secure ID card printers

**Rio** PRO

PRINTER SPECIFICATIONS

100-card feeder

High-performance, purpose-built  
composites for durability

USB and Ethernet  
interfaces

Simple field upgrade to  
double-sided printing



3 year printhead warranty

Rewritable technology

Custom HoloKote card (option)

ICC color enhanced prints

Magnetic stripe and smart card encoding options

Clear, intuitive 4-line display

Hand-feed capability

Patented HoloKote® watermark

70-card stacker

SPECIFICATIONS

<b>Print mode</b>	Color dye sublimation, monochrome thermal printing and rewritable technology.
<b>Card security</b>	A HoloKote security watermark can be printed across the card surface. When used with HoloPatch® cards, one area of the HoloKote watermark is highlighted as a high visibility security seal. A choice of 4 standard HoloKote designs and 1 standard HoloKote Flex design are selectable from the printer driver. For added security, Custom HoloKote enables customization of the watermark to an individual logo or security design.
<b>Warranty¹</b>	3 years UltraCoverPlus warranty and support which includes full printhead coverage and free loaner service - Available in North America, EU and other selected territories. Elsewhere 12 months limited warranty.
<b>Printer interfaces</b>	USB and Ethernet both fitted as standard.
<b>Software drivers</b>	Windows 2000 Professional (SP4), XP, Windows Vista and 7 (32/64 bit compatible), Windows Server 2003 R2 SP2, Server 2008 (32/64 bit compatible).
<b>Card capacity</b>	100-card feeder, 70-card stacker.
<b>Weight</b>	10.8 lbs (4.9kg).
<b>Power source</b>	External power supply 100-240V 50-60Hz autoranging.
<b>Dimensions</b>	18.5" L x 8.6" W x 9.8" H (470mm L x 220mm W x 250mm H) including feeder and stacker.
<b>Print speed</b>	*Color standard mode: 31 seconds, *Color fast mode: 23 seconds, *Monochrome resin: 6 seconds (*single-sided card)
<b>Operating environment</b>	Sheltered office environment 50°F to 85°F (10°C to 30°C).

CONSUMABLES

<b>Dye film</b>	<ul style="list-style-type: none"><li>• YMCKO 5 panel dye film, 300 images.</li><li>• Monochrome resin black dye film, 1000 images. Also available in *White, *Blue, *Red, *Gold and *Silver.</li><li>• KO black and overcoat resin dye film, 600 images.</li><li>• YMCKOK 6 panel dye film, 250 double-sided images, color on front, black on back (double-sided only).</li></ul>	<b>PART NUMBERS</b> <b>MA300YMCKO</b> <b>MA1000K-Black*</b> <b>MA600KO</b> <b>MA250YMCKOK</b>
<b>Card types/thickness</b>	All standard PVC ISO CR80/CR79 sized cards / 0.020" to 0.050" (0.51mm to 1.27mm). HoloPatch cards. Use HoloKote with HoloPatch for a highly-visible gold seal on the card.	
<b>Cleaning kit</b>	10 cleaning cards, 1 pen.	<b>3633-0053</b>
<b>Cleaning roller kit</b>	5 cleaning rollers, 1 metal roller bar.	<b>3633-0054</b>

VARIANTS

<b>Rio Pro</b>	Magocard Rio Pro: single-sided printer.	<b>3652-0001</b>
<b>Rio Pro Duo</b>	Magocard Rio Pro Duo: double-sided printer.	<b>3652-0021</b>
<b>Variants</b>	Magnetic stripe card encoding, combi smart card encoding (contact chip, Mifare, Desfire, iClass). Other smart card encoders also available.	<b>Call for part numbers</b>

OPTIONS

<b>Double-sided upgrade</b>	Upgrade the single-sided Rio Pro to the Rio Pro Duo.	<b>3633-0052</b>
<b>Custom HoloKote kit</b>	Kit contains a CD to install the data and a Custom HoloKote card that fits into your printer.	<b>HoloSet</b>

**Rio** PRO

CARD SECURITY OPTIONS



**HoloKote®**

A standard anti-counterfeiting watermark printed in a grid pattern across the entire card surface.

**Custom HoloKote®**

A customizable anti-counterfeiting watermark printed in a grid pattern across the entire card surface.

**Custom HoloKote FLEX™**

A fully flexible and customizable anti-counterfeiting watermark printed across the entire card surface.

**HoloPatch®**

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

**Encoding**

**Magnetic stripe** - Encoder for access control, time and attendance.  
**Smart card** - Combi (contact chip, Mifare, Desfire, iClass) option. Other encoders available.



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**¹Warranty** subject to the observance of specific conditions of use and maintenance, as well as the use of certified 'Original Magocard' dye films.

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[www.magicard.com](http://www.magicard.com)



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**MAGICARD**  
Secure ID card printers

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PAYMENTS



## About us

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- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

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