



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 customised to an individual logo design - enabling true security at no extra cost. Secure encoding options include magnetic stripe and smart card technologies.

Expert

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



3 year limited warranty and support

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

(Available in the EU, North America and other selected territories. Elsewhere 2 years limited depot warranty.)



Ultra Electronics Card Systems
www.magicard.com



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' centre of excellence for manufacturing in the UK and is backed with the market-leading UltraCoverPlus warranty.



STANDARD



OPTION



TRUSTED IDENTITY FOR A SAFER WORLD

100-card feeder

High-performance, purpose-built composites for durability

USB and Ethernet interfaces



Simple field upgrade to double-sided printing



Rio PRO

3 year printhead warranty

Rewritable technology

Custom HoloKote card (option)

ICC colour enhanced prints

Magnetic stripe and smart card encoding options

Clear, intuitive 4-line display

Hand-feed capability

Patented HoloKote® watermark

70-card stacker

Printer Specifications

Print mode	Colour dye sublimation, monochrome thermal printing and rewritable technology.
Card security	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 customisation of the watermark to an individual logo or security design.
Encoding security options	Magnetic stripe. Smart card encoding; Contact chip, MIFARE, DESFire and iClass.
Warranty**	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 2 years limited depot warranty.
Printer interfaces	USB and Ethernet both fitted as standard.
Software drivers	Windows 2000 Professional (SP4), XP, Vista and 7 (32/64 bit compatible), Windows Server 2003 R2 SP2, Server 2008 (32/64 bit compatible).
Card capacity	100-card feeder, 70-card stacker.
Weight	4.9kg (10.8 lbs).
Power source	External power supply 100-240V 50-60Hz autoranging.
Dimensions	470mm L x 220mm W x 250mm H (18.5" L x 8.6" W x 9.8" H) including feeder and stacker.
Print speed	*Colour fast mode: 23 seconds, *Monochrome resin: 6 seconds (*single-sided card).
Operating environment	Sheltered office environment 10°C to 30°C (50°F to 85°F).

Consumables

		PART NUMBERS
Dye film	• YMCKO 5 panel dye film, 300 images. • Monochrome resin black dye film, 1000 images. Also available in *White, *Blue, *Red, *Gold and *Silver. • KO black and overcoat resin dye film, 600 images. • YMCKOK 6 panel dye film, 250 double-sided images, colour on front, black on back (double-sided only).	MA300YMCKO MA1000K-Black* MA600KO MA250YMCKOK
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 kit	10 cleaning cards, 1 pen.	3633-0053
Cleaning roller kit	5 cleaning rollers, 1 metal roller bar.	3633-0054

Variants

Rio Pro	Magicard Rio Pro: single-sided printer.	3652-0001
Rio Pro Duo	Magicard Rio Pro Duo: double-sided printer.	3652-0021
Variants	Magnetic stripe card encoding, combi smart card encoding (contact chip, MIFARE, DESFire, iClass). Other smart card encoders also available.	Call for part numbers

Options

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

Card security options

 HoloKote® A standard anti-counterfeiting watermark printed in a grid pattern across the entire card surface. The Rio Pro HoloKote features 4 standard designs.	 HoloPatch® HoloPatch cards have a highly reflective gold 'super diffuser' foil square that enhances the visibility of the overprinted HoloKote logo.	 Custom HoloKote Flex® A fully flexible and customisable anti-counterfeiting watermark printed across the entire card surface.	 Magnetic stripe The Rio Pro can be specified with ISO standard 7811 compatible HiCo encoding of magnetic stripe cards.	 Smart card encoding Smart card encoding options: Contact chip, MIFARE, DESFire, iClass.
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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.



**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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