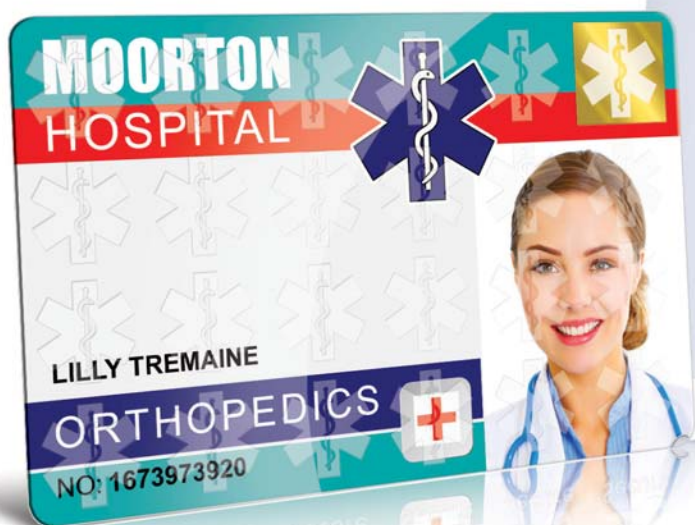


Rio PRO™

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 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.

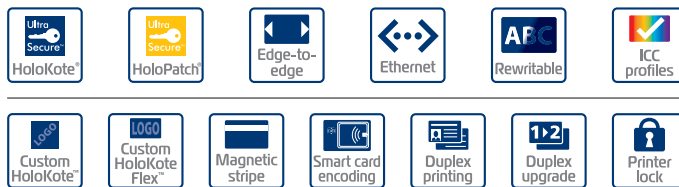


Flexible

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 duplex 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.



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TRUSTED IDENTITY FOR A SAFER WORLD

100-card feeder

High-performance, purpose-built composites for durability

USB and Ethernet interfaces



Simple field upgrade to duplex printing



Rio PRO

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

Printer Specifications

Print mode	Color 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 customization 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	10.8 lbs (4.9kg).
Power source	External power supply 100-240V 50-60Hz autoranging.
Dimensions	18.5" L x 8.6" W x 9.8" H (470mm L x 220mm W x 250mm H) including feeder and stacker.
Print speed	*Color fast mode: 23 seconds, *Monochrome resin: 6 seconds (*single-sided card).
Operating environment	Sheltered office environment 50°F to 85°F (10°C to 30°C).

Consumables

		PART NUMBERS
Dye film	<ul style="list-style-type: none"> • 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, color on front, black on back (Duplex only). 	MA300YMCKO MA1000K-Black* MA600KO MA250YMCKOK
Card types/thickness	CR80/CR79 PVC ISO blank, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch cards. 20mil to 50mil (0.51mm to 1.27mm). 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	Magocard Rio Pro: single-sided printer.	3652-0001
Rio Pro Duo	Magocard Rio Pro Duo: duplex 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

Duplex 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 customizable 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.



Magocard, HoloKote, HoloPatch and Rio Pro are trademarks or registered trademarks of Ultra Electronics Limited. All other trademarks, brand names, or product names belong to their respective holders. 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.

Rio Pro2ppUSA issue 3.00



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