



# Trusted for localised secure card issuance



## Secure printing

The Magicard Rio Pro Secure features an opaque, lockable input hopper to secure blank cards. A secondary lock prevents the printer from being opened by unauthorised personnel and secures the opaque output stacker cover. The printer can also be secured to a fixed location by using the Kensington Lock slot moulded into the base.

## Secure interfaces

USB and Ethernet interfaces are complemented with a Microsoft certified plug & play driver. Printer APIs can also be provided to integrate the Rio Pro Secure with third party issuance software. On request, printers can also be password-locked electronically, or limited to print only from a specific application.

## 3 year limited warranty and support

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

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

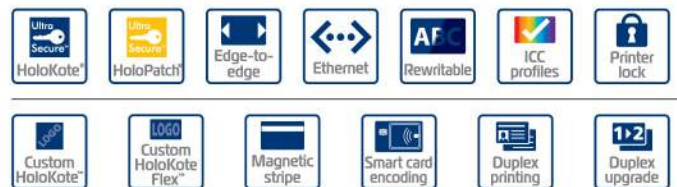


## Secure cards

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.

## Secure warranty

Built with high performance purpose-built materials and advanced components, the Rio Pro Secure 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



Ultra Electronics Card Systems  
www.magicard.com



ID Management Systems  
Temple Court, Cathedral Road  
Cardiff  
CF11 9HA  
United Kingdom  
Tel : +44 (0) 2920 786 419  
Fax : 08707413001  
E-mail : sales@idmanagement.com  
Web : www.idmanagement.com



TRUSTED IDENTITY FOR A SAFER WORLD




The Rio Pro Secure is a trusted solution for the localised issuance of secure cards, including payment cards. Instant, localised issuance or replacement of secure cards offers many customer service and distribution benefits to both the issuing organisation and the card holder.

The Rio Pro Secure offers high-quality personalised printing and in-line magnetic stripe or smart card encoding, with a flexible interface reinforced by physical and logical security.

## Printer Specifications

<b>Print mode</b>	Colour dye sublimation, monochrome thermal printing and rewritable technology.
<b>Printer security</b>	Locking input hopper. Locking lid and secured output stacker cover.
<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 customisation of the watermark to an individual logo or security design.
<b>Encoding security options</b>	Magnetic stripe. Smart card encoding; Contact chip, MIFARE, DESFire and iClass. Other encoders, including EMV, available on request.
<b>Warranty**</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 2 years limited depot warranty.
<b>Printer interfaces</b>	USB and Ethernet both fitted as standard.
<b>Software drivers</b>	Windows 2000 Professional (SP4), XP, Vista and 7 (32/64 bit compatible), Windows Server 2003 R2 SP2, Server 2008 (32/64 bit compatible). APIs to interface with third party applications provided on request.
<b>Card capacity</b>	100-card feeder, 70-card stacker.
<b>Weight</b>	5kg (11 lbs).
<b>Power source</b>	External power supply 100-240V 50-60Hz autoranging.
<b>Dimensions</b>	560mm L x 220mm W x 250mm H (22" L x 8.6" W x 9.8" H) including feeder and stacker.
<b>Print speed</b>	*Colour fast mode: 23 seconds, *Monochrome resin: 6 seconds (*single-sided card).
<b>Operating environment</b>	Sheltered office environment 10°C to 30°C (50°F to 85°F).

## Consumables

		<b>PART NUMBERS</b>
	• YMCKO 5 panel dye film, 300 images.	<b>MA300YMCKO</b>
	• Monochrome resin black dye film, 1000 images. Also available in *White, *Blue, *Red, *Gold and *Silver.	<b>MA1000K-Black*</b>
	• KO black and overcoat resin dye film, 600 images.	<b>MA600KO</b>
	• YMCKOK 6 panel dye film, 250 double-sided images, colour on front, black on back (Duplex only).	<b>MA250YMCKOK</b>
<b>Card types/thickness</b>	CR80/CR79 PVC ISO blank, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch cards. 0.51mm to 1.27mm (20mil to 50mil). 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 Secure</b>	MagiCard Rio Pro Secure: single-sided printer.	<b>3652-9010</b>
<b>Rio Pro Secure Duo</b>	MagiCard Rio Pro Secure Duo: duplex printer.	<b>3652-9030</b>
<b>Variants</b>	Magnetic stripe card encoding, smart card encoding (contact chip, MIFARE, DESFire, iClass). Other smart card encoders, including EMV, also available.	<b>Call for part numbers</b>

## Options

<b>Logical security</b>	Password-protected electronic lock (on request for special projects).	
<b>Duplex upgrade</b>	Upgrade the single-sided Rio Pro Secure to the Rio Pro Secure 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>

## Card security options



### HoloKote®

A standard anti-counterfeiting watermark printed in a grid pattern across the entire card surface. The Rio Pro Secure 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 Secure 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. Others, including EMV, on request.




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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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 **Ultra Electronics Card Systems**  
Hampshire Road, Weymouth,  
Dorset DT4 9XD, United Kingdom  
Tel: +44 (0) 1305 767 100  
Fax: +44 (0) 1305 777 904  
Email: info@magiCard.com

 **Ultra Electronics Card Systems Inc.**  
North American Sales & Support Centre  
6711 - 176th Avenue NE Redmond, WA 98052  
Toll free: 877 236 0933  
Tel: +1 (425) 556 9708  
Fax: +1 (425) 556 3962  
Email: americas@magiCard.com



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