Rio PRO Secure

MAGiCARD®

Trusted for localised secure card issuance

UXBANK

4321 3456 4567 5678

Valid to: 01/01/18

Hanna Blithe

BANK

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.
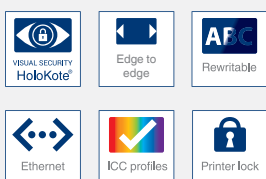
Secure cards

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 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.
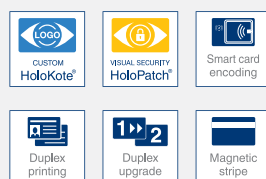
Secure warranty

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 features			Optional features		
VISUAL SECURITY HoloKote®	Edge to edge	Rewritable	CUSTOM HoloKote®	VISUAL SECURITY HoloPatch®	Smart card encoding
Ethernet	ICC profiles	Printer lock	Duplex printing	Duplex upgrade	Magnetic stripe

3 Year Ultra-CoverPlus

Free 3 year limited warranty and support*
With hassle-free printhead cover and loaner service.

*Available in the EU, North America and other selected territories. Elsewhere 1 year minimum limited depot warranty.

Rio Pro Secure is ideal for:
Payments identity applications.

Rio PRO Secure

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

Print mode
Colour dye sublimation, monochrome thermal printing and rewritable technology.

Printer security
Locking input hopper. Locking lid and secured output stacker cover.

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 custom HoloKote 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 encoding: HiCo and LoCo encoder ISO 7811, JIS2.
• Smart card encoding: Contact chip, MIFARE®, DESFire® and iClass®. Others available.

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 1 year minimum 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) and Mac OS X. APIs to interface with third party applications provided on request.

Card capacity
100-card feeder, 70-card stacker.

Weight
5kg (11 lbs).

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

Dimensions
560mm L x 220mm W x 250mm H (22" 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 No.

Dye film
	Part No.
• YMCKO 5 panel dye film, 300 images.	MA300YMCKO
• Monochrome resin black dye film, 1000 images. Also available in *White, *Blue, *Red, *Gold and *Silver.	MA1000K-Black*
• KO black and overcoat resin dye film, 600 images.	MA600KO
• YMCKOK 6 panel dye film, 250 double-sided images, colour on front, black on back (Duplex only).	MA250YMCKOK

Card types/thickness
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.

Cleaning kit
10 cleaning cards, 1 pen.	3633-0053

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

Variants

Part No.

	Part No.
Rio Pro Secure Uno	
Magicard Rio Pro Secure Uno: single-sided printer.	3652-9010
Rio Pro Secure Duo	
Magicard Rio Pro Secure Duo: duplex printer.	3652-9030

Variants - call for part numbers
Magnetic stripe card encoding, combi smart card encoding (contact chip, MIFARE®, DESFire®, iClass®). Other smart card encoders also available.

Options

Part No.

	Part No.
Logical security	
Password-protected electronic lock (on request for special projects).	Please call
Duplex upgrade	
Upgrade the single-sided Rio Pro Secure to the Rio Pro Secure 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

VISUAL SECURITY HoloKote®

HoloKote®
A standard anti-counterfeiting watermark printed in a grid pattern across the entire card surface. The Rio Pro HoloKote features 4 standard designs.

VISUAL SECURITY HoloPatch®

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

CUSTOM HoloKote® LOGO

Custom HoloKote®
A fully flexible and customisable anti-counterfeiting watermark printed across the entire card surface. 1 standard design included.

Magnetic stripe

Magnetic stripe
The Rio Pro Secure can be specified with ISO standard 7811 compatible HiCo encoding of magnetic stripe cards and JIS2.

Smart card encoding

Smart card encoding
Smart card encoding options: Contact chip, Mifare®, Desfire®, iClass®.

Magicard Ltd - Headquarters and manufacturing centre
Hampshire Road, Weymouth, Dorset DT4 9XD, United Kingdom
Tel: +44 (0)1305 47 00 00
Email: info@magicard.com

Global offices
Europe
Americas
Asia
UAE

MADE IN BRITAIN