Rio PRO

MAGICARD®

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.
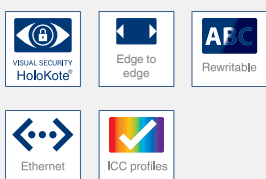
Flexible

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.
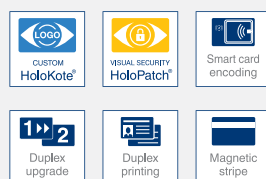
Tough

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 features

VISUAL SECURITY HoloKote®	Edge to edge	Rewritable
Ethernet	ICC profiles	

Optional features

CUSTOM HoloKote®	VISUAL SECURITY HoloPatch®	Smart card encoding
Duplex upgrade	Duplex printing	Magnetic stripe

3 Year UltraCoverPlus

Free 3 year limited warranty and support*

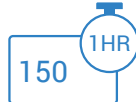With hassle-free printhead cover and loaner service.

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

Rio Pro is ideal for:

Enterprise, Corporate and Facilities identity applications.

Rio PRO™

Printer highlights

1HR 150	100/70 (200/200)	3 YEAR UCP	CUSTOM LOGO	Windows | OS X
Printing speed	**Card capacities**	**Warranty**	**Visual security**	**Operating systems**
Up to 150 full colour cards per hour	Standard: 100 input, 70 output Optional: 200 input, 200 output	3 year UltraCoverPlus with hot swap printer	Standard or Custom HoloKote® watermark	Windows and Mac OS compatible

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 custom 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 fitted as standard.

Driver compatibility

Windows XP, Vista, 7, 8.1, 10 (32 and 64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016. GNU/Linux and Mac OS X 10.9.0 upwards.

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 (single-sided card): 23 seconds,
Monochrome resin (single-sided card): 6 seconds.

Operating environment

Sheltered office environment 10°C to 30°C (50°F to 85°F).

Consumables | Part No.

Dye film

• 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 (double-sided only).	**MA250YMCKOK**

Card types/thickness

CR80/CR79 PVC ISO blank cards, HiCo magnetic stripe, smart cards, self-adhesive, rewritable and HoloPatch cards. 0.51mm to 1.02mm (0.020" to 0.040").

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 rolle. kit

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

Variants | Part No.

Rio Pro

Magicard Rio Pro: single-sided printer.	**3652-0001**

Rio Pro Duo

Magicard Rio Pro Duo: double-sided printer.	**3652-0021**

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.

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®

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

Magnetic stripe

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

Smart card encoding

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