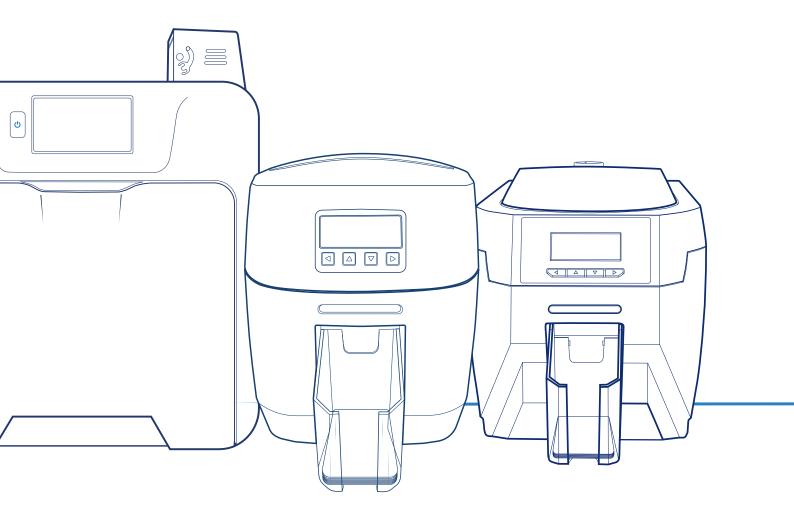


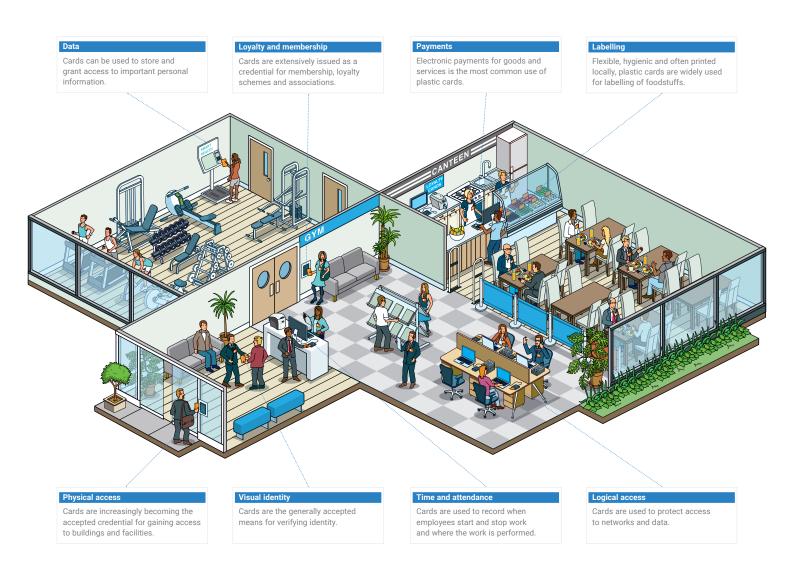
The complete range of ID card printers, all with security built in.



Secure ID card printing for every budget, industry and application

Cards have become a part of everyday life. Used for gaining access to buildings and facilities, verifying that individuals are who they say they are or simply being used to purchase goods or services, cards have become the ubiquitous global standard for identity.

Discover how secure ID cards, printed and programmed with Magicard products, can be used across multiple applications in your industry sector to improve efficiency and productivity and most importantly, to protect and secure your organisation.



Security features





HoloKote®

We're all about security. That's why we developed the HoloKote® watermark available for all of our printers direct-to-card and retransfer printers (NB PCP?)

HoloKote® technology was pioneered by Magicard to apply a secure watermark to each card during the printing process. This feature exploits the wavelengths and lens effect of the film to fluoresce under UV lighting conditions.

Custom HoloKote®

This feature, available on some of our models, facailitates the implementation of a personalised HoloKote® watermark into the standard print process. This watermark could be an organisation's logo, or some other unique security design.

HoloPatch®

Unique to Magicard, HoloPatch® cards have a highly reflective gold 'super diffuser' seal. When the HoloKote® watermark is printed on to the seal, the watermark becomes clearly visible under all lighting conditions. HoloKote® with HoloPatch® has a similar appearance to hologram seals. It provides a security mark which is visible from a distance, allowing a security guard or colleague to easily verify badge authenticity.

Specialist security

Our latest printer, the Magicard 600 offers additional security features:

Digital Shredding - once data has been used for the print job, it is fragmented, rendering it irrecoverable, helping to ensure the Magicard 600 is not a repository for data.

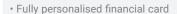
Threat benchmarked - we run security scans against the National Vulnerabilities Database and push regular updates to the device, ensuring that the printer software and associated system configuration conform to the highest levels of security.



Industry applications

State drivers licence

· Localised national ID card issuance









Magicard printer range

Retransfer



Direct-to-card



Ultima

High definition

Print speed

Time opecu

Up to 100 full colour single-sided cards per hour

Card capacities

200 card input 200 card output

Visual security

Standard HoloKote® watermark (x10) Custom HoloKote® watermark UV effect

Electronic security

ISO 7811, JIS2 magnetic stripe ISO 7816, EMV contact chip MIFARE Classic*, MIFARE DESFire*, iClass*, others

Warranty²

Print technology

Reverse transfer
Feed system

Single to double-sided

Automatic

Upgrade

Connectivity

Compatibility

Windows, Mac OS X, Linux

USB

Ethernet

3 year MagiCoverPlus or 250,000 panels with hot swap printer and lifetime printhead cover.

Prima 4

High definition

Print speed

Up to 100 full colour single-sided cards per hour

Card capacities

100 card input 100 card output

Visual security

UV effect

Electronic security

ISO 7811 – tracks 1, 2 and 3 magnetic stripe MIFARE®, DESFire® and iClass® contact chip Other encoders available

Warranty

.

Print technology Reverse transfer

Feed system

Automatic

Upgrade

In-line laminator

Connectivity

3680-0052E •

Ethernet

Compatibility

Windows XP, Vista, 7, 8.1, 10 (32/64bit) Windows server 2003 R2 SP2, 2008, 2012

Card thickness

 $\begin{array}{cc} \text{mm} & 0.76 \text{ to } 1.27 \\ \text{mil} & 30 \text{ to } 50 \end{array}$

Dimensions

mm 458 W x 431 H x 334 D Inch 18.03 W x 16.96 H x 13.14 D Weight kg 16.74 Weight lb 36.90

Operating environment

Sheltered office 10°C - 30°C / 50°F - 85°F

Maintenance

Cleaning kit E9887

Card thickness

mm 0.25 to 1.00 mil 10 to 40

Dimension

mm 343 W x 320 H x 330 D Inch 13.5 W x 12.6 H x 13 D Weight kg 15.5 Weight lb 34.1

Operating environment

15°C to 30°C (59°F to 86°F); 35% to 70% non-condensing.

Maintenance

Cleaning kit E9887

600

Professional

Print speed

Up to 190 full colour cards per hour 750 monochrome cards per hour

Card capacities

100 card input 70 card output

Visual security

Standard HoloKote® watermark (x10) Custom HoloKote® watermark HoloPatch® cards

Electronic security

ISO 7811, JIS2 magnetic stripe ISO 7816, EMV contact chip MIFARE®, DESFire®, iClass®, others

Warranty³

3 years MagiCoverPlus or 250,000 panels with hot swap printer.

Print technology

Dye sublimation/rewritable

Feed system

Manual/automatic

Upgrade

Single to double-sided 3652-5052E •

Connectivity

USB Ethernet Wifi

Compatibility

Windows Vista, 7, 8, 8.1, 10 (32/64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016 Mac OS X 10.9.0 upwards

Card thickness mm

mm 0.5 to 1.27 mil 20 to 50

Dimensions

mm 211.5 W x 248 H x 475.5 D Inch 8.3 W x 9.8 H x 18.9 D Weight kg 4.7 Weight lb 10.4

Operating environment

Sheltered office 10°C - 30°C / 50°F - 85°F

Maintenance

Cleaning kit 3633-0053

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

Direct-to-card • Standard • Option



Rio Pro 360

Professional

Print speed

Up to 190 full colour cards per hour 720 monochrome cards per hour

Card capacities

100 card input (200 card option) 70 card output

Visual security

Standard HoloKote® watermark (x10) Custom HoloKote® watermark HoloPatch® cards

Electronic security ISO 7811, JIS2 magnetic stripe

ISO 7816, EMV contact chip MIFARE®, DESFire®, iClass®, others

3 years MagiCoverPlus or 250,000 panels with hot swap



Enduro3E

Standard

Print speed

Up to 100 full colour cards per hour 500 monochrome cards per hour

Card capacities

100 card input 30 card output

Visual security

Standard HoloKote® watermark (x4) HoloPatch® cards

Electronic security

ISO 7811 magnetic stripe ISO 7816 contact chip MIFARE®, DESFire®, iClass

Warrantv*

3 years limited depot



Pronto

Hand-fed

1 full colour card per 35 seconds

1 monochrome card per 7 seconds

Hand-fed

Visual security

Standard HoloKote® watermark (x4) HoloPatch® cards

Electronic security ISO 7811 magnetic stripe

ISO 7816 contact chip

MIFARE®, DESFire®, iClass®

Warranty*

2 years limited depot

Print technology

Dve sublimation/rewritable

Feed system

Manual/automatic

Upgrade

Single to double-sided R0057 •

Connectivity

USB

Ethernet

Compatibility

Windows Vista, 7, 8, 8.1, 10 (32/64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016 Mac OS X 10.9.0 upwards

Card thickness

0.5 to 1.27 mil 20 to 50

Dimensions

mm 220 W x 250 H x 470 D Inch 8.6 W x 9.8 H x 18.5 D Weight kg Weight Ib 10.8

Operating environment

Sheltered office 10°C - 30°C / 50°F - 85°F

Maintenance

Cleaning kit 3633-0053 Print technology

Dye sublimation/rewritable

Feed system

Manual/automatic

Single to double-sided 3633-0052 •

Connectivity

USB Ethernet

Compatibility

Windows Vista, 7, 8, 8.1, 10 (32/64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016 Mac OS X 10.9.0 upwards

Card thickness

mm 0.50 to 1.27 mil 20 to 50

Dimensions

206 W x 233 H x 453 D mm Inch 8.1 W x 9.2 H x 17.8 D Weight kg 5.5 Weight Ib 12

Operating environment

Sheltered office 10°C - 30°C / 50°F - 85°F

3633-0053 Cleaning kit

Print technology

Dye sublimation/rewritable

Feed system

Manual

Upgrade

Connectivity

USB

Compatibility

Windows Vista, 7, 8, 8.1, 10 (32/64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016 Mac OS X 10.9.0 upwards

Card thickness

0.50 to 1.27 mil 20 to 50

Dimensions

mm 215 W x 233 H x 270 D Inch 8.4 W x 9.1 H x 10.6 D Weight kg 4.4 Weight Ib 9.7

Operating environment

Sheltered office 10°C - 30°C / 50°F - 85°F

Maintenance

Cleaning kit CK1



Photo-quality over-the-edge retransfer printing

Powered by a high-grade processing unit with an impressive array of features, the Magicard Ultima is ideal for the localised or centralised issue of high-volumes of secure smart cards.

Ultima enables you to print up to 100 high definition full colour cards per hour. The quality of print means staff can quickly and easily identify the facial features on ID cards for comparison against the holder. This makes it the ideal solution for drivers' licences, national ID cards and other cards where security is paramount.

The Ultima retransfer printer comes with built-in visual security via the use of up to 10 secure Holokote® watermarks. That means that if you choose to do so, you can distinguish different departments with a separate holographic design. For additional built-in security, Ultima exploits the wavelengths of the dye-film so it can fluoresce under UV lighting.



Printer highlights



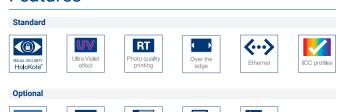








Features



Printer variants

Single-sided		Double-sided	
Ultima Uno	3680-0001	Ultima Duo	3680-0021
Ultima Uno Mag	3680-0002	Ultima Duo Mag	3680-0022
Ultima Uno Smart	3680-0003	Ultima Duo Smart	3680-0023
Ultima Uno Mag Smart	3680-0004	Ultima Duo Mag Smart	3680-0024

HoloKote[®]



Retransfer printing with in-line lamination

FIPS-201 certified for the personalisation of US Government credentials, the Prima 4 provides a reliable, robust solution for instant issuance and lamination in a compact package.

Optional UV printing, holographic lamination and multiple encoding options add an additional layer of security and durability.



Printer highlights











Features



Prima 4 with Laminator variants

Single-sided		Double-sided	
Uno	Prima 401 + 451 LM	Duo	Prima 402 + 452 LM
Uno Mag		Duo Mag	Prima 414 + 451 LM
Uno Smart	Prima 404 + 451 LM	Duo Smart	Prima 417 + 451 LM
Uno Smart Mag	-	Duo Smart Mag	Prima 426 + 451 LM

600

Hi-res, data-secure direct-to-card printing

Security, compliance and peace of mind: built in.

A world-class ID printing solution delivering faster print speeds, stringent security and the finest detail, the Magicard 600 integrates seamlessly with existing infrastructure to deliver secure processing of ID credentials.

Wi-Fi connectivity - as standard via supplied dongle, – IEEE 802.11b/g/n compliant with connection of speeds up to 300Mbps. Supports WPA and WPA2 encrypted connection (access point dependent).

An eye for detail - capable of printing at 600 x 300 dpi*, the Magicard 600 allows you to include even 5 point text - and make it legible.

Superior quality - The Magicard 600 offers a wide colour spectrum so printing is more vibrant and colour-rich. That means a truer representation of the subject – perfect for photographs on ID cards and more accurate depiction of corporate logos and other images.

Plug and play - to get you up and running quickly and easily, the Magicard 600 integrates with existing network infrastructure 'out of the box', minimising set-up time and requiring little technical knowledge.

Faster speeds - each full colour, single-sided card, with HoloKote®, can be printed in under 20 seconds giving the Magicard 600 the ability to print up to 190 cards per hour.

Updates and upgrades - The Magicard 600 is easy to keep up-to-date with the latest features and fixes as and when they're available.

*monochrome only



Printer highlights











Features























Optional















Direct-to-card printer

Ultra-secure



Data shredding™ - once data has been used for the print job, it is fragmented, rendering it irrecoverable, helping to ensure the Magicard 600 is not a repository for data.



Anti-fraud - the Magicard 600 has the ability to print a customisable $\mathsf{HoloKote}^{\textcircled{B}}$ watermark on every card. Each device has the built-in ability to receive up to 10 anti-fraud customised $\mathsf{HoloKotes}^{\textcircled{B}}$ direct to the printer via Magicard's web tool.



Threat benchmarked - we run security scans against the comprehensive vulnerability assessment tool, Nessus Pro, one of the most widely deployed security technologies in the world and push regular updates to the device, ensuring that the printer software and associated system configuration conform to the highest levels of security.

Custom casing options

The Magicard 600 comes as standard in a neutral grey but we have made alternative casing colours available as options to reflect the building blocks of colour printing, YMCK (and white) so you can personalise your printer in line with your brand identity.















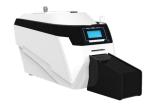
Faster, flexible, professional direct-to-card printing

One of our fastest printers, the advanced Rio Pro 360 is a powerful way to create secure ID cards in high volumes. Each full colour, single-sided card with HoloKote®, can be printed in under 20 seconds giving the Rio Pro 360 the ability to print up to 190 cards per hour. It makes use of a wide colour spectrum so printing is vibrant and colour-rich, providing a truer representation of the subject – perfect for photographs on ID cards as well as more accurate depiction of corporate logos and other images.

The Rio Pro 360 benefits from tried and tested Linux compatibility so it integrates with existing network infrastructure 'out of the box', minimising set-up time and requiring little technical knowledge.



Rio 360 Secure



Secure your credentials - The Rio Pro 360 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

Rio Ro 360 Xtended



Xtend your card printing capability - With an extralarge hopper and stacker, this adaptation of the Rio Pro 360 prints oversized cards up to 140mm (5.51") long. Ideal for ticketing, accreditation and labelling.

Rio PRO



Simple, efficient and effective - The predecessor to the Rio Pro 360, this card printer offers a practical solution to ID card creation. Print one offs or up to 100 cards in one batch. Upgrade to double-sided printing using an upgrade kit.

Printer highlights





Standard: 100 input, 70 output Optional: 200 inout, 70 output



3 years MagiCoverPlus or 250,000 panels with hot swap printer

HOLOKOTE WATERMARK

Visual security

Standard or Custom HoloKote® watermark

Windows OS X

Operating systems

Windows and Mac OS compatible

Features



Standard















Optional















Printer options

Single-sided		Double-sided	
Rio Pro Uno	3652-3001	Rio Pro Duo	3652-3021
Rio Pro Uno Mag	3652-3002	Rio Pro Duo Mag	3652-3022
Rio Pro Uno Smart	3652-3003	Rio Pro Duo Smart	3652-3023
Rio Pro Uno Mag Smart	3652-3004	Rio Pro Duo Mag Smart	3652-3024



Secure ID card printing you can rely on

Robust, durable and reliable, the Enduro3E is perfect for schools, colleges and medium sized businesses that print up to 10,000 cards per year. The latest edition of this established ID card printing platform now includes Ethernet as standard and a 3 year warranty. When it comes to secure and reliable ID card printing, you can trust the Enduro3E to deliver.



Printer highlights





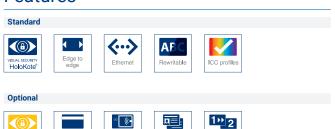




Printer Options



Features



Single-sided		Double-sided	
Siligle-sided		Double-sided	
Enduro3E Uno	3633-3001	Enduro3E Duo	3633-3021
Enduro3E Uno Mag	3633-3002	Enduro3E Duo Mag	3633-3022
Enduro3E Uno Smart	3633-3005	Enduro3E Duo Smart	3633-3025
Enduro3E Uno Mag Smart	3633-3006	Enduro3E Duo Mag Smart	3633-3026



Simply the best value card printer

Incredibly easy to use with drop-in dye film and hand-fed card loading, the Pronto includes the HoloKote® visual security system and can print colour, monochrome or rewritable cards. Its plug-and-play setup and compact footprint are ideal for portability and lower volume card printing.



Printer highlights











Features

Standard







Optional







Printer options

Single-sided only

Pronto Mag
Pronto Smart

3649-0001 3649-0002 3649-0003

Pronto PK

Portable, secure ID card printing

Magicard's portable ID printer, the ProntoPK, delivers ID to individuals at point of greatest need. For dispersed communities, refugees or otherwise displaced people, the ProntoPK represents a lifeline to control of their identity and destiny.

The printer is portable, rugged and secure and with its high capacity battery ProntoPK can deliver ID cards all day in the toughest of environments. It comes in a rugged IP67 Mil-spec carrying case including all components and supplies so users have everything they need

As it is WiFi-enabled, print jobs can be sent wirelessly from the supplied 7" Android tablet using Magicard's own printing app.





Professional product and price labelling

Print food safe, eye-catching and durable labels in-store and on demand.

Feel confident your displays are stocked with fully compliant labels including all mandatory nutrition and allergen information.

PriceCardPro FLEX

Create up to 100 longer-length label cards at a time. A 140mm price card can be printed in under 10 seconds.

PriceCardPro® DUO

Full colour, credit card-sized double sided batch printing.

PriceCardPro LITE

Print one hand-fed full colour card at a time.





Complementary ID products





The ideal access card

Premium technology cards optimised for easy printing, seamless integration and rapid deployment, Securicards proximity cards are designed to compliment and enhance existing security installations.

- Choose from a wide selection of card types, each designed to meet the specifications of your original access control system.
- Easily order blank, initialised or fully programmed credentials with external numbering and custom printing including logos, backgrounds and anti-fraud patterns.
- Desktop Magicard printers encode data and add customised watermarks, lamination or UV printing to credentials at the point of issuance.

	Wiegand Proximity	SMA Proximity	MIFARE Classic®	MIFARE® DESFire® EV1	ICC Chip/Contactless
Security level					
Physical access	•	•	•	•	•
Logical access			•	•	•
Multi-application			•	•	•
Encryption	Hexadecimal	Proprietary	Proprietary	AES and 3DES	AES, 3DES and more
Prox-compatible	•	•			
Card memory	Up to 40bits	Up to 1kb	1kb	Up to 8kb	Up to 1Gb
SecuriCards delivery windows	24 hours*	24 hours*	48 hours*	1 week*	1-2 weeks*
Typical supplier delivery windows	2-3 weeks*	2-3 weeks*	2-3 weeks*	1-2 weeks*	3-4 weeks*
Cost level	\$\$	\$\$	\$	\$\$\$	\$\$\$\$

Consumables



Standard Direct-to-card printer dye film

Dye films	Print capacity	Product code	Pronto	Enduro3E	Rio Pro
Colour dye film with overcoat panel (YMCKO)	100	MA100YMCKO	•	•	•
Colour dye film with overcoat panel (YMCKO)	300	MA300YMCKO	•	•	•
Double-sided dye film, prints colour on one side, black on reverse (YMCKOK)	250	MA250YMCKOK	-	•	•
Black resin dye film with overcoat panel (KO)	600	MA600KO	•	•	•
Monochrome resin dye film - Black	1000	MA1000K-Black	•	•	•
Monochrome resin dye film - White	1000	MA1000K-White	•	•	•
Monochrome resin dye film - Silver	1000	MA1000K-Silver	•	•	•
Monochrome resin dye film - Gold	1000	MA1000K-Gold	•	•	•
Monochrome resin dye film - Blue	1000	MA1000K-Blue	•	•	•
Monochrome resin dye film - Red	1000	MA1000K-Red	•	•	•
Monochrome resin dye film - Green	1000	MA1000K-Green	•	•	•

Premium Magicard 600 printer dye film

Dye Films	Print capacity	Product code
Colour dye film with overcoat panel (YMCKO)	200 images	MB200YMCKO/2*
Colour dye film with overcoat panel (YMCKO)	200 images	MB200YMCKO/3*
Colour dye film with overcoat panel (YMCKO)	300 images	MB300YMCKO/2*
Colour dye film with overcoat panel (YMCKO)	300 images	MB300YMCKO/3*
Double-sided dye film, prints colour on one side, black on reverse (YMCKOK)	250 images	MB250YMCKOK/2*
Double-sided dye film, prints colour on one side, black on reverse (YMCKOK)	250 images	MB250YMCKOK/3*
Black resin dye film with overcoat panel (KO)	600 images	MA600KO
Magicard 1000 continuous resin monochrome film 1000 images	1000 images	MA1000K

^{*} Dependent on region.

Ultima retransfer printer consumables

JItima HoloKote® film set	Print capacity	Product code
Colour dye film with secure HoloKote® panel and retransfer film set (x4 YMCKS and x3 retransfer films)	3000 images	SET-HE3000S
Ultima standard film set	Print capacity	Product code
Colour dye film and retransfer film set (x1 YMCK and x1 retransfer film)	4000 images	SET-HE4000
Ultima HoloKote [®] dye film	Print capacity	Product code
Colour dye film with secure HoloKote® panel (YMCKS)	750 images	HE750YMCKS
Ultima standard dye film	Print capacity	Product code
Colour dye film (YMCK)	1000 images	HE1000YMCK
Double-sided dye film, prints colour on one side and black on reverse (YMCKK)	750 images	HE750YMCKK
Ultima retransfer film	Print capacity	Product code
Retransfer film	1000 images	HE1000RT

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