

Trusted, secure ID issuance



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

HoloKote® - inbuilt visual security

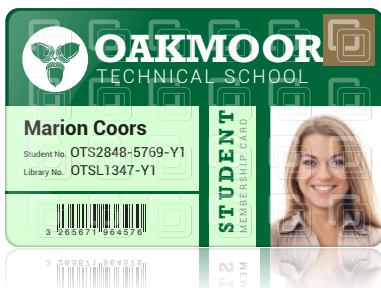
HoloKote - added visual **security** at no extra cost

HoloKote, patented by Magicard, is a secure watermark that is frosted into the clear protective overcoat during the normal print process using standard consumables (ribbons and cards). It can be visually verified when the card is tilted in the light.



HoloPatch® enhanced visual **security**

HoloPatch cards have a highly reflective gold 'super diffuser' seal. When the HoloKote watermark is printed onto the seal, it becomes a distance visible security mark enabling security verification from a range of six feet or more.



Your logo as a customised **security** watermark

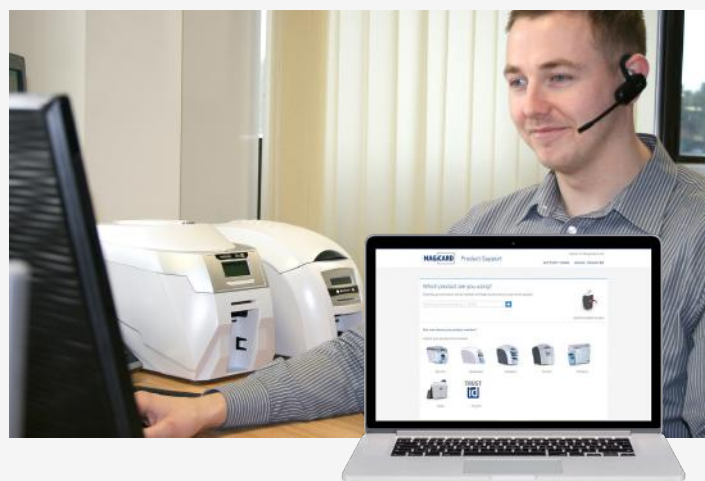
With the Magicard Rio Pro 360, the HoloKote watermark can be customised to an organisation's logo, or some other unique security design. LYNK now enables the secure online delivery of up to ten bespoke HoloKote watermarks to the printer through the driver interface. This makes it possible for customers to start producing secure ID cards in far less time than is required by a custom holographic overlamine solution, and at a fraction of the cost.



Our promise to keep you printing

The best **support** in the industry

Magicard's online and telephone support sets the benchmark for the ID printer industry. A comprehensive online portal with self-help, training videos and up-to-date downloadables is backed up by a global network of highly-trained technical support engineers, all available to take your call.



The best **warranty** in the industry

The reliability of Magicard's well established print engine is backed by some of the best warranty terms in the industry. Both the Rio Pro 360 and Prima 4 are backed with a 3-year UltraCoverPlus warranty that includes:

- **Replacement of a damaged printhead** no matter what the cause of failure
- **A hot-swap loaner** if a printer is shipped to a Certified Magicard Support Hub for repair

The Pronto and Enduro3E printers are backed with 2 and 3 year depot warranties respectively.



Pronto

Direct-to-card printer

SECURITY LEVEL

ID card printing made easy



SPEED

1 35s

CAPACITY

Hand-fed

WARRANTY

2 YEAR

SECURITY

STANDARD HOLOKOTE WATERMARK

OS

Windows OS X

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

| | |
|-----------------------|--|
| Print technology | 300 dpi dye sublimation/rewritable. |
| Card thickness | 0.51mm to 1.02mm (20 mil to 40 mil). |
| Printer interface | USB rev.1.1/USB 2.0. |
| Drivers/software | Windows XP, Vista, 7, 8, 10 (32 and 64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016. Mac OS X 10.9.0 upwards. Linux with CUPS support. |
| Dimensions | W 215mm x H 233mm x D 270mm (W 8.4" x H 9.1" x D 10.6"). |
| Weight | 4.4 kg/9.7 lb. |
| Operating environment | Sheltered office environment 10°C - 30°C (50°F - 85°F). |

Security

| | |
|--------------------------|---|
| Gold seal | HoloPatch® card stock – ordered separately. |
| Magnetic stripe encoding | HiCo and LoCo encoder ISO std. 7811. |
| Smart card encoding | Contact chip, MIFARE®, DESFire®, iClass® options. |

Security watermark HoloKote (4 standard designs).



Features

Standard



Optional



Enduro3E

Direct-to-card printer

SECURITY LEVEL

The World's most reliable card printer



SPEED

100 1HR

CAPACITY

100 in 30 out

WARRANTY

3 YEAR

SECURITY

STANDARD HOLOKOTE WATERMARK

OS

Windows OS X

Robust, durable and reliable, the Enduro3E is perfect for schools, colleges and medium sized businesses that print up to 10,000 cards per year. This established ID card printing platform 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.

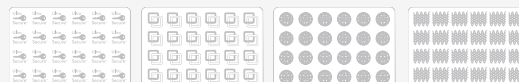
Printer

| | |
|-----------------------|--|
| Print technology | 300 dpi dye sublimation/rewritable. |
| Card thickness | 0.51mm to 1.02mm (20 mil to 40 mil). |
| Printer interface | USB rev.1.1/USB 2.0, Ethernet. |
| Drivers/software | Windows XP, Vista, 7, 8, 10 (32 and 64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016. Mac OS X 10.9.0 upwards. Linux with CUPS support. |
| Dimensions | W 206mm x H 233mm x D 453mm (W 8.1" x H 9.2" x D 17.8"). |
| Weight | 5.5 kg/12 lb. |
| Operating environment | Sheltered office environment 10°C - 30°C (50°F - 85°F). |

Security

| | |
|--------------------------|---|
| Gold seal | HoloPatch® card stock – ordered separately. |
| Magnetic stripe encoding | HiCo and LoCo encoder ISO std. 7811. |
| Smart card encoding | Contact chip, MIFARE®, DESFire®, iClass® options. |

Security watermark HoloKote (4 standard designs).

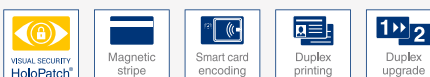


Features

Standard



Optional



The industry standard has advanced

MagiCard has raised the bar. The Rio Pro 360 is everything users love about the original Rio Pro but with faster print speed, increased capacity and improved print quality. The 360 also has the all new 'LYNK' onboard intelligence – for identity with an IQ.

The 360 is MagiCard's fastest printer to date. From the moment you hit print, the 360 instantly gets to work. Full colour cards with a secure, customisable HoloKote® watermark take just 18 seconds click-to-card.



This is a printer with intelligence. The 360 is the first desktop ID card printer with an embedded Linux-based CPU. This enables seamless communication and the secure processing of ID data – just imagine it's got a brain onboard.

LYNK recognises High Speed USB 2.0 and 10/100 Ethernet and can easily be integrated with most third-party applications locally or in the cloud. WiFi connectivity 802.11 b/g/n will soon be available.

Features

Standard



Optional



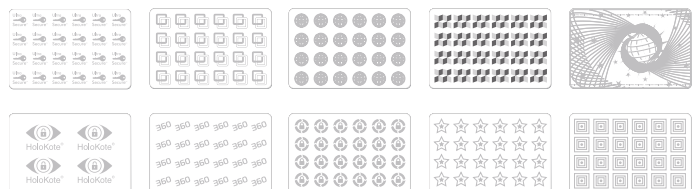
Printer

| | |
|-----------------------|--|
| Print technology | 300 dpi dye sublimation/rewritable. |
| Card thickness | 0.51mm to 1.02mm (20 mil to 40 mil). |
| Printer interface | High Speed USB 2.0, USB 3.0 compatible - Type B, 10/100 Ethernet. 2x internal USB 2.0 (one host) - Type A. |
| Drivers/software | Windows XP, Vista, 7, 8, 10 (32 and 64bit) Windows server 2003 R2 SP2, 2008, 2012, 2016. Mac OS X 10.9.0 upwards. Linux with CUPS support. |
| Dimensions | W 220mm x H 250mm x D 470mm (W 8.6" x H 9.8" x D 18.5"). |
| Weight | 4.7 kg/10.4 lb. |
| Operating environment | Sheltered office environment 10°C - 30°C (50°F - 85°F) |

Security

| | |
|--------------------------|---|
| Gold seal | HoloPatch® card stock – ordered separately. |
| Magnetic stripe encoding | HiCo and LoCo encoder ISO std. 7811. |
| Smart card encoding | Contact chip, MIFARE®, DESFire®, iClass® options. Other encoders available. |

| | |
|--------------------|---------------------------------|
| Security watermark | HoloKote (10 standard designs). |
|--------------------|---------------------------------|



| | |
|----------------------|--|
| Customised watermark | Custom HoloKote® - Grid or full card pattern. Up to ten custom designs can be added through the driver interface using the online HoloKote tool. |
|----------------------|--|

Photo quality printing and lamination in a desktop package

| | | | | |
|--------------------------|--------------------------------------|--------------------------|---|----------------------|
| SPEED 100 1HR | CAPACITY 100 in 100 out | WARRANTY 3 UCP | SECURITY OVER LAMINATES/ UV FILM | OS Windows |
|--------------------------|--------------------------------------|--------------------------|---|----------------------|

Printer

| | |
|-----------------------|---|
| Print technology | 300 dpi retransfer with 600 dpi option. |
| Card thickness | 0.25mm to 1.00mm (10mil to 40mil). |
| Printer interface | USB 2.0, Ethernet. |
| Drivers/software | Windows 2000 Professional (SP4), XP (SP2, SP3), Vista (SP1), Windows Server 2003 R2 SP2, Server 2008, 2012, Windows 7, 8, 10 (32 and 64 bit). |
| Dimensions | 343mm W x 320mm H x 330mm L (13.5" W x 12.6" H x 13" L). |
| Weight | 15.5kg (34.1lbs). |
| Operating environment | Sheltered office environment 10°C - 30°C (50°F - 85°F). |

Security and durability

| | |
|--------------------------|--|
| Printer security | Kensington lock, electronic lock for hopper and door, security ribbon erase. |
| Magnetic stripe encoding | HiCo encoder ISO std. 7811 |
| Smart card encoding | Contact chip, MIFARE®, DESFire®, iClass® options. Others available. |



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

Using retransfer printing technology, the Prima 4 produces cards with a photo quality comparable to offset lithographic printing.

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

Features

| Standard | Optional |
|---|--|
| Photo quality printing Over the edge Ethernet Printer lock | Magnetic stripe Smart card encoding Duplex printing 600 dpi Ultra Violet Standard over laminate Custom over laminate |

Rio PRO 360 Secure

Specialist printer

Secure your localised credential issuance



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 PRO 360 Xtended

Specialist printer

Xtend your card printing capability



An adaptation of the Rio Pro 360 print platform, with an extra large hopper and stacker, the Rio Pro 360 Xtended prints oversized cards up to 140mm (5.51") long for ticketing, accreditation and events.

| Printing | Pronto | Enduro3E | Rio Pro 360 | Prima 4 |
|--|----------------------------|----------------------------|----------------------------|-----------------------------------|
| Print technology | Dye sublimation/rewritable | Dye sublimation/rewritable | Dye sublimation/rewritable | Retransfer |
| Feed system | Manual | Manual/automatic | Manual/automatic | Automatic |
| Card capacity: input/output | – | 100/30 | 100/70 or 200/70 | 100/100 |
| - Single-sided | 3649-0001 | 3633-3001 | 3652-3001 | Prima 401 |
| - Double-sided | – | 3633-3021 | 3652-3021 | Prima 402 |
| Upgrade (single to double-sided) | – | 3633-0052 | 3633-3052 | – |
| Laminator | – | – | – | Prima 451 (Uno) / Prima 452 (Duo) |
| Encoding / variants | | | | |
| Magnetic stripe ISO 7811 - tracks 1, 2 & 3 | – | – | – | – |
| - Single-sided | 3649-0002 | 3633-3002 | 3652-3002 | – |
| - Double-sided | – | 3633-3022 | 3652-3022 | Prima 403 |
| Smart card (contact chip, MIFARE®, DESFire®, iClass®) | – | – | – | – |
| - Single-sided | 3649-0003 | 3633-3005 | 3652-3003 | Prima 406 |
| - Double-sided | – | 3633-3025 | 3652-3023 | Prima 415 |
| Other smart card configurations available | – | – | ☺ | ☺ |
| Connectivity and drivers | | | | |
| USB connection | ☺ | ☺ | High Speed 2.0 | ☺ |
| Ethernet connection | – | ☺ | ☺ | ☺ |
| Windows XP, Vista, 7, 8, 10 (32/64bit) Windows server 2003 R2 SP2, 2008, 2012 and 2016 | ☺ | ☺ | ☺ | ☺ (Windows 2016 not supported) |
| Mac OS X 10.9.0 upwards. Linux with CUPS support | ☺ | ☺ | ☺ | – |
| Warranty | | | | |
| Limited | 2 years | 3 years | – | – |
| 3 years UltraCoverPlus* - (hot-swap loaner & printhead cover) | – | – | ☺ | ☺ |
| Visual security | | | | |
| HoloKote® watermark - standard design | x4 | x4 | x10 | – |
| HoloKote watermark - custom design | – | – | Up to 10 custom designs | – |
| UV film | – | – | – | ☺ |
| HoloPatch® cards | ☺ | ☺ | ☺ | – |
| Standard/custom overlamine - patch and continuous | – | – | – | ☺ |
| Print speed | | | | |
| Colour | 35 seconds per card | >100 cards per hour | >200 cards per hour | >100 cards per hour |
| Monochrome | 7 seconds per card | >500 cards per hour | >750 cards per hour | – |
| Card thickness | | | | |
| mm | 0.51 to 1.02 | 0.51 to 1.02 | 0.51 to 1.02 | 0.25 to 1.02 |
| mil | 20 to 40 | 20 to 40 | 20 to 40 | 10 to 40 |
| Dimensions | | | | |
| Width x height x depth : mm | 215 x 233 x 270 | 206 x 233 x 453 | 220 x 250 x 470 | 343 x 320 x 330 |
| Width x height x depth : inch | 8.4 x 9.1 x 10.6 | 8.1 x 9.2 x 17.8 | 8.6 x 9.8 x 18.5 | 13.5 x 12.6 x 13 |
| Weight kg/lb | 4.4/9.7 | 5.5/12 | 4.7/10.4 | 15.5/34 |
| Maintenance | | | | |
| Cleaning kit | CK1 | 3633-0053 | 3633-0053 | E9887 |

☺ = Standard ☺ = Option

| Pronto, Enduro3E and Rio Pro 360 films | Capacity | Product code |
|--|----------|----------------|
| Colour film with overcoat panel (YMCKO) | 100 | MA100YMCKO |
| Colour film with overcoat panel (YMCKO) | 300 | MA300YMCKO |
| Colour film with black panel on reverse (YMCKOK) | 250 | MA250YMCKOK |
| Black resin film with overcoat panel (KO) | 600 | MA600KO |
| Monochrome resin film - Black | 1000 | MA1000K-Black |
| Monochrome resin film - White | 1000 | MA1000K-White |
| Monochrome resin film - Blue | 1000 | MA1000K-Blue |
| Monochrome resin film - Red | 1000 | MA1000K-Red |
| Monochrome resin film - Green | 1000 | MA1000K-Green |
| Monochrome resin film - Silver | 1000 | MA1000K-Silver |
| Monochrome resin film - Gold | 1000 | MA1000K-Gold |

| Prima 4 films | Capacity | Details | Product code |
|---------------------|---------------------|---|--------------|
| Film sets | 1000 images per set | YMCK film/retransfer film sets (x5) | Prima 431 |
| | 1000 images | YMCK film/retransfer film set (x1) | Prima 431/S |
| Dye film | 750 images | YMCKK film, black panel on reverse | Prima 433 |
| | 750 images | YMCK-UV film with UV panel | Prima 434 |
| Retransfer film | 1000 images | Retransfer film | Prima 436 |
| Patch laminate film | 600 patches | Clear patch laminate 0.6mil | Prima 462 |
| | 600 patches | Clear patch laminate 0.6mil chip cutout | Prima 463 |
| | 600 patches | Clear patch laminate 1.0mil | Prima 464 |
| | 600 patches | Clear patch laminate 1.0mil chip cutout | Prima 465 |
| Overlay film | 1000 overlays | OVD 'snowflake' design film | Prima 461 |
| | 1000 overlays | Clear OVD film | Prima 466 |
| Custom laminates | 1000/600 | Custom overlay film/0.6mil patch laminate | Contact us |



Important: Printer warranty is subject to the observance of specific conditions of use and maintenance, including printer registration and the use of certified 'Original MagiCard' dye films.

Global offices



Headquarters and manufacturing centre

Hampshire Road,
Weymouth,
Dorset DT4 9XD,
United Kingdom

Tel: +44 (0)1305 47 00 00
Email: info@magicard.com



Americas sales and support center

6724 Suite A,
185th Avenue NE,
Redmond, WA 98052,
USA

Toll free: 877 236 0933
Tel: +1 (425) 556 9708
Email: USsales@magicard.com



China sales and support centre

Room 902 Zhonghuang Tower,
No.1007 Second Zhongshan Road (S)
Xuhui District Shanghai 2000030,
PRC.

Tel: +86 21 6457 3509
Email: china@magicard.com



Middle East sales and support centre

4WB (West Wing) Office - 652,
Dubai Airport Free Zone,
PO Box: 54974, Dubai,
United Arab Emirates

Tel: +971 4 260 2930
Email: uae@magicard.com

Magicard, HoloKote, Custom HoloKote, HoloPatch, Rio Pro 360, Enduro3E, Pronto and Prima4 are trademarks or registered trademarks of Magicard Ltd. 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.

*UK, EU, North America and selected other territories. Elsewhere a minimum of one year limited warranty.