

MAGiCARD[®]NEO

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



● Standard ● Option



360 NEO



Enduro NEO



Pronto NEO

Professional

Print speed

Up to 156 full colour cards per hour
720 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 ●

Warranty*

2-year Limited Warranty
Optional 1-year extension at the time of purchase.

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 (x3) ●
HoloPatch® cards ●

Electronic security

ISO 7811 magnetic stripe ●

Warranty*

2-year Limited Warranty
Optional 1-year extension at the time of purchase.

Hand-fed

Print speed

1 full colour card per 35 seconds
1 monochrome card per 7 seconds

Card capacities

Hand-fed

Visual security

Standard HoloKote® watermark (x3) ●
HoloPatch® cards ●

Electronic security

ISO 7811 magnetic stripe ●

Warranty*

2-year Limited Warranty

Print technology

Dye 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

mm 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 4.9
Weight lb 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

Upgrade

Single to double-sided 3633-0052 ●
Contact only FG/3633-0049-3121 ●
Contact/Contactless FG/3633-0049-3122 ●

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

mm 0.50 to 1.27
mil 20 to 50

Dimensions

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

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

Upgrade

N/A

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

mm 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 lb 9.7

Operating environment

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

Maintenance

Cleaning kit CK1

Retransfer



Ultima

High definition

Print speed

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 ●

Warranty*

3-year MagiCover Plus
Including "no quibble" printhead replacement and loan printer /hot swap.
Optional 1-year extension.

Print technology

Reverse transfer

Feed system

Automatic

Upgrade

Single to double-sided 3680-0052E ●

Connectivity

USB ●
Ethernet ●

Compatibility

Windows, Mac OS X, Linux

Card thickness

mm 0.76 to 1.27
mil 30 to 50

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

Prima 8

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 & 3 magnetic stripe ●
MIFARE®, DESFire®, iClass® contact chip ●
Other encoders available

Warranty*

3-year MagiCover Plus
Including "no quibble" printhead replacement and loan printer /hot swap.
Optional 1-year extension.

Print technology

Reverse transfer

Feed system

Automatic

Upgrade

In-line laminator ●

Connectivity

USB ●
Ethernet ●

Compatibility

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

Card thickness

mm 0.25 to 1.00
mil 10 to 40

Dimensions

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

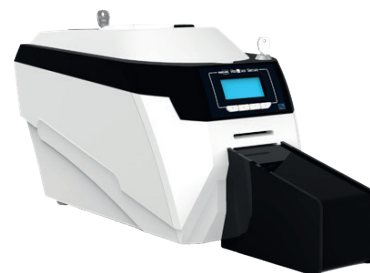
15°C to 30°C (59°F to 86°F) ;
35% to 70% non-condensing.

Maintenance

Cleaning kit E9887

VARIANTS

Rio PRO 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 PRO 360 Xtended



Xtend your card printing capability - With an extra-large 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.

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, facilitates 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.

Standard Direct-to-card printer dye film

Dye films	Print capacity	Product code	Pronto	Enduro3E	Rio Pro
Colour dye film with overcoat panel (YMCKO)	300	SW300YMCKO	●	●	●
Double-sided dye film, prints colour on one side, black on reverse (YMCKOK)	250	SW250YMCKOK	●	●	●
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	●	●	●

Neo Series Printer consumables

Dye films	Print capacity	Product code	Pronto Neo	Enduro Neo	Neo 360
Colour dye film with overcoat panel (YMCKO)	300	MN300YMCKO/4	●	●	●
Double-sided dye film, prints colour on one side, black on reverse (YMCKOK)	250	MN250YMCKOK/4	●	●	●

Ultima retransfer printer consumables

Ultima films	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
Standard Colour dye film and retransfer film set (x1 YMCK and x1 retransfer film)	4000 images	SET-HE4000
Colour dye film with secure HoloKote® panel (YMCKS)	750 images	HE750YMCKS
Standard Colour dye film (YMCK)	1000 images	HE1000YMCK
Standard Double-sided dye film, prints colour on one side and black on reverse (YMCKK)	750 images	HE750YMCKK
Retransfer film	1000 images	HE1000RT

Prima 8 retransfer printer consumables

Prima 8 films	Print capacity	Product code
Set of 5 YMCK dye films and 5 retransfer films (YMCK)	1000 images	Prima 831
Colour dye film, (YMCK)	1000 images	Prima 832
Colour dye film, black on reverse (YMCKK)	750 images	Prima 833
Colour dye film, with UV panel (YMCK-UV)	750 images	Prima 834
Colour dye film, with peel-off panel (YMCK-PO)	750 images	Prima 835
Retransfer film	1000 images	Prima 436

