





Ultima

Printer specifications

Printer technology
300dpi retransfer.
HoloKote® card security
HoloKote® built-in security watermark is printed across the entire card surface, this feature also exploits the wavelengths of the film to fluoresce under UV lighting conditions. Available with 10 watermarks as standard, any of these watermarks can be replaced with your own customised design or company logo through an easy-to-use, but securely encrypted, online delivery method. HoloKote® printing requires the use of secure dye film (YMCKS).
Encoding security options
Magnetic stripe: HiCo and LoCo encoder ISO 7811, JIS2. Custom formats: Contact - ISO 7816, EMV contact chip. Contactless: MIFARE®, DESFire®, HiD iClass®, ProX and Legic.
Warranty*
3 years MagiCoverPlus or 250,000 panels limited manufacturer's warranty covering electronic/electrical failure and bad workmanship. A loan printer will be provided should the above situation occur and Technical Support are unable to resolve the problem (UK, EU and North America only).
Printer interfaces
USB 2.0, 10/100 BASE-T Ethernet
Compatibility
Windows 7, 8.1, 10 (32 and 64bit) Windows server, 2008, 2012, 2016. GNU/Linux and Mac OS X 10.9.0 upwards.
Card capacity
200 card feeder, 200 card stacker.
Weight
16.74kg (36.90 lbs).
Power source
External power supply 100-240V 50-60Hz autoranging.
Dimensions
334mm L x 458mm W x 431mm H (13.14" L x 18.03" W x 16.96" H).
Print speed
Colour: up to 100 cards per hour.
Operating environment
Sheltered office environment 10°C to 30°C (50°F to 85°F).

Card security options

 HoloKote® A standard security watermark printed across the entire card surface. The Ultima HoloKote® features 10 standard designs.	 Custom HoloKote® A fully flexible and customisable secure watermark printed across the entire card surface.	 Magnetic stripe The Ultima can be specified with ISO standard 7811 or JIS2 compatible HiCo encoding of magnetic stripe cards.	 Smart card encoding Smart card encoding options: Contact chip, Mifare®, Desfire®, iClass®.
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Consumables

	Part No.
Ultima HoloKote® dye film	
• Ultima YMCKS Secure HoloKote® dye film, 750 images	HE750YMCKS
• Ultima YMCKS Secure HoloKote® film set (4 YMCKS and 3 RT films), 3000 images	SET-HE3000S
Ultima dye film	
• Ultima YMCK dye film, 1000 images	HE1000YMCK
• Ultima YMCKK dye film, 750 images	HE750YMCKK
• Ultima 4 x YMCK dye film and 4 x RT film set, 4000 images	SET-HE4000
Ultima retransfer film	
• Ultima retransfer film, 1000 images	HE1000RT
Cleaning kit	
10 pads and cards.	E9887
Card types/thickness	
Card sizes: ISO CR80 85.6mm x 54mm / 3.375" x 2.125" Card types: PVC, PET, PC, PVH, ABS. Card thickness: 0.51mm to 1.3mm / 0.020" to 0.050"	

Variants

	Part No.
Ultima Uno	
MagiCard Ultima: single-sided printer.	3680-0001
Ultima Duo	
MagiCard Ultima Duo: double-sided printer.	3680-0021

Ultima

Photo-quality over-the-edge retransfer printing



Ultima



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

An intuitive touch screen, with print preview and supplies indicators, provides an easy-to-use interface to Magicard’s most advanced and durable print engine.

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.

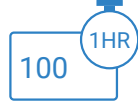
The Ultima retransfer printer comes with built-in visual security via the use of up to 10 secure HoloKote® watermarks. That means that if you choose to do so, you can distinguish different departments with a separate holographic design. For additional built-in security, Ultima exploits the wavelengths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

High capacity consumables (1000 prints) and hoppers, combined with a range of encoding options to write secure electronic data to the card, make the Ultima ideal for high volume localised or centralised issuance of secure smart cards.

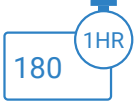


Choose from 10 patterns of fluorescent Secure HoloKote®


Printer highlights




Printing speed
Up to 100 full colour cards per hour



Printing speed
Up to 180 monochrome cards per hour




WARRANTY
Limited 3 year MagiCoverPlus



Card capacities
200 card input
200 card output


Windows | OS X

Operating systems
Windows and Mac OS compatible




Visual security
Standard or Custom HoloKote® watermark


Standard features




VISUAL SECURITY HoloKote®




UV
Ultra Violet effect




RT
Photo quality printing



Over the edge




Ethernet




ICC profiles


Optional features




CUSTOM HoloKote®




Magnetic stripe



Smart card encoding



Duplex printing



Duplex upgrade

High-quality reverse transfer card printing

The key to the Magicard Ultima is the reverse transfer (also called retransfer) printing process. Unlike the standard dye sublimation process, your card design is first printed on a clear film and that film is then adhered to the card surface.

This process gives you a higher definition print quality and allows you to print successfully even on smart cards with uneven surfaces. It also gives you additional card durability and tamper-resistance so the cards will last longer.

Features an intuitive touch screen

Secure ID cards with Magicard HoloKote®

As with all Magicard printers, the Ultima comes with the built-in HoloKote® system and prints a secure watermark across the face of every card at no additional cost – the first reverse transfer printer to offer this.

New with the Ultima, you can now print a Secure HoloKote® – a fluorescent version of the HoloKote® watermark that will show up under black light, adding another layer of security to your cards. Choose from 10 standard patterns of Secure HoloKote®, printed using the specialised YMCKS secure colour ribbon.

Printer variants

Single-sided		Double-sided	
Ultima Uno	3680-0001	Ultima Duo	3680-0021