



Where identity begins.

HELIX™



Helix, where identity begins.

Combining high definition print quality with an intelligent interface and in-line visual security, Helix is the new foundation of trusted identity.



Innovation. It's what you expect from Magicard.

- Intuitive touch screen interface with print preview and troubleshooting animations.
- Field-upgradable to double-sided printing.
- Superior print quality.
- 1000 capacity ribbons and 200 capacity hoppers.
- Easy load film cassettes to eliminate contamination.
- Backed with Magicard's industry-leading 3 year UltraCoverPlus warranty.

The World's first re-transfer printer with built-in visual security.

Helix introduces Magicard's latest visual security breakthrough. An evolution of the famous HoloKote™ watermark, **HoloKote+**™ adds a security feature or logo to the card at the point of printing (Patent Pending). Designed to work with the re-transfer process, HoloKote+ exploits the wavelengths and lens effect of the re-transfer film to fluoresce under UV lighting conditions.

MIESCHER
INDUSTRIES

James Crick
Director



IDMANAGEMENT®
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Specification preview

Resolution	300 dpi (600 dpi option)	RT film ribbon	RT film (1000 prints), holographic, custom holographic.
Color depth	256 level (8Bit)	Ink ribbon	YMCK (1000 prints), YMCKK (750 prints), YMCKUV (750 prints).
Printing speed (single-sided YMCK)	Estimated 125 card/hr (<30 secs)	Printer warranty	3 years UCP USA/EU otherwise 2 years limited.
Feeder capacity	200 cards (0.76mm/0.029")	Printhead warranty	Lifetime
Card exit capacity	200 cards (0.76mm/0.029")	Extendibility	Internal 4 port USB HUB (1.1). (1x WiFi option, 1x encoder option, 1x Micro SD option, 1x unassigned).
Card size	CR80	Memory size	128MB
Card material	PVC, PET, PC, PVH, ABS,	Laminator	In-line laminator (double-sided) option.
Display	TFT LCD panel, Size: 4.3 inch, Resolution: 480x272, Color depth: 16.7 million colors, Resistive touchscreen.	Encoder	Magnetic stripe (ISO 7811, JIS2, custom formats), Contact (ISO 7816 & EMV), Contactless (MIFARE, DESFire, ProX, HiD iClass, TagIT, Legic, UHF.
Dimensions (mm)	420 H (16.5") x 455 W (17.9") x 330 D (13")	Secure options	Kensington lock, secure film (standard), user log-on, secure film cassettes, secure blank media feeder, secure card reject hopper, ribbon erase facility.
Estimated weight	14.4Kg/31.7lb		
Power source	100-240VAC		
Interface	USB 2.0, 10 BASE-T/100 BASE-T Ethernet, 802.11 b/g/n WiFi (option).		
System requirements	XP, W2003 server, Vista, W7 (32/64), W8 (32/64), Linux, Apple OS X.		

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