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MATICA
Technologies for a safe world

DIRECT-TO-CARD PRINTER

MC310



MC310

THE DIRECT-TO-CARD PRINTER

Designed to perfectly fit into any card issuance environment, the new Matica MC310 direct-to-card printer offers a superior print quality and a complete line of encoding, lamination and communication options. Its versatility provides a solution to all vertical markets which need to run card issuance programs that require reliable and consistent high quality printing, converting the MC310 into the most flexible and reliable card printer platform in the market.

Reliable and easy-to-use, the Matica MC310 offers high-performance color card printing. Available as a single side, the MC310 can easily evolve to dual-side printing, anytime, anywhere without the need to install additional hardware components.

The 4 LED status indicators on the front of the printer, in combination with the 2-line LCD display, facilitates the use of the printer providing all necessary information to the operator, making the MC310 extremely easy to use.

Optional in-line magnetic stripe encoder and dual interface encoders for contact/contactless smart cards, maximizes its functionality for a broader set of application uses, such as access control, time & attendance, payment services and many more.

The MC310 is accompanied with a comprehensive ribbon program to cover all issuance needs in all vertical markets, including the new Matica YMCScKO ribbon to increase the number of visual security elements (VSE) on the card for security applications.

Need more durable and secure cards? The use of the optional, easy-to-install, in-line MC-L2 lamination module in combination with the MC310 allows to issue cards which last more and have additional level of security against counterfeit.

The MC310 direct-to-card printer is notably fast with an output of over 180 cards per hour when printing color single side and up to 850 cph when printing in monochrome.

- **Color dye-sublimation 300 dpi resolution**
- **Up to 180 color cards per hour**
- **Optional lamination module**
- **Reliable and easy-to-use**
- **On demand printing or batch processes**
- **4 Years Warranty**



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TECHNICAL SPECIFICATIONS

Print method	Dye-sublimation direct-to-card
Print Resolution	300 x 300 dpi
Print area	Edge-to-edge (CR-80 cards)
Print mode	Dual side (optional)
Print speed	180 cph (YMCKO single side, batch)[1] 850 cph (monochrome printing)[1]
Card Thickness	0.25 mm - 1.25 mm (10 mil - 50 mil)
Card Types	CR-80 PVC, PVC-C, Re-writable cards
Input Hopper Capacity	100 cards (0.76 mm - 30 mil thickness)
Output Hopper Capacity	30 cards (front) / 80 cards (rear)
Exception feeding	Included
User Interface	Two-lines x 16 chars LCD display 4 x LED status indicator
Encoding Options	Magnetic stripe encoder ISO7811 Dual interface smart card encoder
Other Options	Matica MC-L2 laminator
Communications Interface	USB 2.0 | Ethernet 10BaseT, 100BaseT WiFi 802.11 a/b/g (optional)
chromXpert® Ribbon Program	YMCKO (250 prints) YMCKO-K (200 prints) YMCKO-KO (200 prints) ½ YMC-KO (400 prints) ½ YMCKO-KO (250 prints) YMCScKO (200 prints) KO (800 prints) Monochrome (2000 prints) (K, Silver, Gold, White, Red, Green, Blue) Scratch-off (2000 prints)

Smart Ribbon Protection	Ribbon automatic recognition RFID (13.56 MHz) TAG Two-level encoding potection
Memory	128 Mbytes
Safety	Support for Kensington® security lock
Operating Systems	Windows© driver (32/64 bits) XP, SP3, Vista, W7, W8, W10
Integration Tools	SDK available for system integrators EDIsecure® middleware
Warranty	4 years[2]
Printer Dimensions (H x W x D)	255,6 x 202 x 405,4 mm (10.6" x 7.9" x 15.9")
Weight	10 kg. (22 lbs)
Power Supply	220-240V/110-115V, 50-60 Hz
Operating Environment	Temperature: 15ºC - 40ºC (59ºF - 104ºF) Humidity: 20% - 65% (non-condensing)
Storage Conditions	Temperature: -5ºC to -70ºC (23ºF - 158ºF) Humidity: 20% - 70% (non-condensing)
Quality Standards	- RoHs - CE, FCC, CQC, UL, WEEE - Proposition 65 (California, USA) - Standby mode and reduced power consumption - Sound pressure less than 48 dB (A) in operation mode (ISO 7779)

[1] Using native Matica Windows® Driver
[2] Warranty subjected to the use of chromXpert® Ribbons



- Corporate cards
- Access control cards
- Campus / student cards
- Customer / loyalty cards
- Government cards

Authorized Reseller / System Integrator

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