

MC660

Warranty

3 YEARS

Printhead warranty

LIFETIME

High resolution retransfer card printer



The MC660 combines **enhanced security with high-definition printing**, making it ideal for secure government issuance programs such as National IDs or driving licenses.

It's 600dpi resolution printhead is optimized for complex graphical layouts including microtext and 1D, 2D and QR bar codes. Its retransfer printing technology enables vivid colors, full coverage of the card surface and the ability to print on smart cards and a range of card materials.

Smart cards can be programmed inline, with an optional dual interface encoder. The MC660 also works in line with a laser marker, enabling Matica's unique MSPI™ technology which combines color printing with laser etching for the ultimate image security.

A wide range of secure consumables, including UV and pearlescent (Sc) printing, combined with a retransfer film with embedded holograms, are all protected with RFID tagging. This enables all printers and consumables to be tracked – reducing fraud and facilitating stock management.

Print type Retransfer dye sublimation	600 dpi Resolution	Print mode Dual-sided (standard)	170 cph Full color	Easy to use Plug & print
Capacity Input/output	Ethernet Ethernet	LCD display LCD display	Cards left Indicator	Custom hologram Retransfer film
Single wire Encoding option	Encoding Options	WiFi Option	Secure ribbon Options	Lamination Inline option



MC660 delivers...

- ▶ High resolution 600dpi, optimized for 1D, 2D & QR codes
- ▶ Prints over-the-edge on all card types including PVC, PC, ABS and PET
- ▶ SDK included for project integrations
- ▶ Upgradeable for dual interface smart card encoding
- ▶ Inline lamination
- ▶ Inline laser marking including MSPI™



- ▶ RFID secured consumables and printers for full traceability
- ▶ Customizable embedded hologram security option

MC660

Printer specifications

Print technology

Dye-sublimation, retransfer

Print resolution

- 600 dpi
- Optimized for microtext, 1D, 2D and QR barcodes

Print area

CR-80 cards (over-the-edge)

Print speed

- 145 cph
- (YMC single-side, batch print with native driver)

Print mode

Dual-sided (as standard)

Printer memory

64 Mb

Communications interface

- USB 1.0, 1.1, 2.0, 3.0
- Ethernet TCP-IP 10BaseT, 100BaseT (Traffic LED)
- Serial RS-232C

User interface

- 2 line LCD display with graphical notifications
- LED status indicator

Printer security

- Support for Kensington® security lock

Consumables security

- RFID protection of all ribbons and retransfer film
- RFID tracking of all supplies for fraud protection and stock management

Printer dimensions (HxWxD)

436 x 340 x 297 mm / 17.2" x 13.4" x 11.7"

Weight

20 kg, 44.1 lb

Power supply

- AC90/125V, 220-240V/110-115V, 50-60 Hz

Operating environment

- Temperature: 10°C - 30°C, 50°F - 86°F
- Humidity: 20% - 80% (non-condensing)

Storage conditions

- Temperature: 20°C to 60°C, 4°F to 140°F
- Humidity: 20% to 90% (non-condensing)

Sound (ISO 7779)

Operating sound pressure less than 53dB (A)

Certifications

RoHS, CE, FCC, UL, IEC, CCC, EAC, Radio Equipment Directive (RED) (2014/53/EU)

Warranty

- 3 years
- Lifetime warranty on printhead (subject to the use of chromXpert® ribbons)

Card specifications

Input hopper capacity

250 cards (0.76 mm / 30 mil thickness)

Output hopper capacity

250 cards (0.76 mm / 30 mil thickness)

Reject hopper capacity

30 cards (0.76 mm / 30 mil thickness)

Card thickness

- 0.25 mm - 1.0 mm / 10 mil - 40 mil
- Manual adjustment

Card types

PVC, PVC-C, PET-F, PET-G, ABS, PC

Software specifications

Printer driver

Windows 10 (32/64 bits), Windows 8 (32/64 bits), Windows 7 (32/64 bits), Windows Vista (32 bits), Windows Server 2008 R2

Integration tools

- EDIsecure® middleware
- SDK included for system integrators

Options

Magnetic stripe encoding

ISO 7811 HiCo/LoCo (factory fit only)

Smart card / Contactless encoding

- Contact PC/SC, EMV compliant
- Smart contact station: ISO 7816-2
- ISO14443A, B, ISO15693, MIFARE®, DESFire®, HID iClass®

Inline lamination

Single or dual-side

Inline laser

- Inline high performance MOPA desktop laser
- Optional MSPI™ (Matica Secure Protected Image)

Printer security

Centralized locking system to secure access to blank cards, ribbon and film (manual and electronic options)

Consumables security

- Secure ribbons - Uv and pearlescent (Sc)
- RT film with embedded standard or customized hologram



chromXpert Consumables

- To ensure print quality and card durability, printhead lifespan and overall printer reliability, use chromXpert ribbons only.



ChromXpert™ ribbon program	Part No.
• YMCK (500 prints)	Diamond: PR000616
• YMCKK (410 prints)	Diamond: PR000617
• YMCKSc (410 prints)	Diamond: PR000613
• YMCKUv (410 prints)	Diamond: PR000612
• RT film (500 prints)	Diamond: PR000619
• RT film - standard embedded hologram (500 prints)	PR20620221
• RT film - customized embedded hologram (500 prints)	PR20620221
Cleaning kit	PR09209001
Cleaning cards x10	PR09209002



Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: South Carolina HQ, Minneapolis

Middle East: Dubai



Authorized reseller / System integrator

EDIsecure™ MC660 Datasheet A4 UK V3

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