

# 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 MSPITM 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.

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



- ▶ 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

### 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: <b>PR000616</b>
• YMCKK (410 prints)	Diamond: <b>PR000617</b>
• YMCKSc (410 prints)	Diamond: <b>PR000613</b>
• YMCKUv (410 prints)	Diamond: <b>PR000612</b>
• RT film (500 prints)	Diamond: <b>PR000619</b>
• RT film - standard embedded hologram (500 prints)	<b>PR20620221</b>
• RT film - customized embedded hologram (500 prints)	<b>PR20620221</b>
<b>Cleaning kit</b>	<b>PR09209001</b>
<b>Cleaning cards x10</b>	<b>PR09209002</b>



## Global offices

**Europe:** Switzerland HQ, Italy, UK and Germany

**Asia:** Malaysia, China and India

**USA:** Minneapolis HQ, South Carolina and San Francisco

**Middle East:** Dubai



Authorized reseller / System integrator

EDIsecure™ MC660 Datasheet A4 UK V2

Data subject to change without notice.  
All trademarks stated are the property of their respective owners.