# MC660

Warranty



# High resolution retransfer card printer

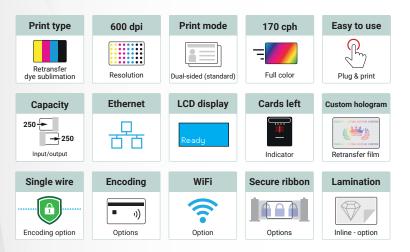


The MC660 combines **enhanced security with high-definition printing**, making it ideal for secure government issuance programs such as National IDs or driving licenses.

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<sup>™</sup> 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.





# 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<sup>™</sup>



- 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<sup>®</sup> 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<sup>™</sup> (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



#### Consumables chrom Xpert

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



ChromXpert <sup>™</sup> 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 ember hologram (500 prints)	dded	PR20620221
• RT film - customized embedded hologram (500 prints) <b>PR20620221</b>		
Cleaning kit		PR09209001
Cleaning cards x10		PR09209002

Authorized reseller / System integrator



## 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

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