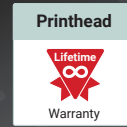
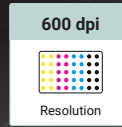


# XID-M600



## A major advance for high speed, high definition security printing



The XID-M600 combines **enhanced speed with high-definition security printing**, making it ideal for secure government issuance programs such as National IDs or driving licenses.

Its 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.

Built on Matica's brand new, proprietary, **next-generation retransfer printing engine**, the XID-M600 is Matica's **fastest retransfer printer** yet, with speeds of more than 165 color cards per hour achievable with no compromise whatsoever on print quality. A **dual hopper version** of the printer is available, enabling users to issue two different card types on-demand - for example, a driving license and a vehicle registration card.

**Lamination options** are available thanks to full compatibility with the Matica MC-L2 laminator.

### XID-M600 delivers...

- ▶ High definition over-the-edge 600dpi printing
- ▶ More than 165 color cards per hour
- ▶ Versatility - including dual-sided upgrade, dual hopper version, printer locking, multiple encoding and lamination options
- ▶ Robust, reliable build quality
- ▶ Extensive consumables program, including secure ribbons
- ▶ 3 years warranty (lifetime printhead cover\*)

### Ideal for

- ▶ Secure ID projects and government distributed issuance programs
- ▶ Complex graphical layouts including microtext and 1D, 2D and QR bar codes
- ▶ High quality printing on to smart cards and diverse card substrates
- ▶ Mid to high volume card issuance

#### Standard features

<b>Print type</b>  Retransfer dye sublimation	<b>600 dpi</b>  Resolution	<b>165 cph</b>  Full color	<b>Bend remedy</b>  Bend remedy
<b>Manual feed</b>  Single card	<b>Single input hopper</b>  x200 cards	<b>Output capacity</b>  200	<b>Easy to use</b>  Plug & print
		<b>Ethernet</b>  Ethernet	<b>Windows® driver</b>  Windows® driver
		<b>Touchscreen</b>  LCD	<b>Capacity</b>  700 images
		<b>Software</b> CARDEXCHANGE  PRODUCER Included	

#### Optional features

<b>Print mode</b>  1 or 2 sided	<b>Dual hopper</b>  x200 cards factory fit option	<b>Lamination</b>  Inline option	<b>Encoding</b>  Options	<b>WiFi</b>  Option	<b>Secure ribbon</b>  Options	<b>Single wire</b>  Encoding option	<b>Key-lock</b>  Security option	<b>Reject bin</b>  Option
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# XID-M600

## Printer specifications

### Print technology

Dye-sublimation, retransfer

### Print resolution

600dpi

### Print area

56 x 88mm over-the-edge (CR-80 cards)

### Print speed

165 cph (YMCK, single-side, batch)

### Print mode

Single or dual-sided (optional)

### Communications interface

- USB 2.0
- Ethernet 10BaseT, 100BaseT

### Easy to use, plug and print operation

- LCD touchscreen panel
- Easy handling ribbon cassettes
- Automatic ribbon identification and setting

### Printer dimensions (HxWxD) / Weight

351 x 428 x 279mm (13.8 x 16.8 x 11")  
16.6kg (36.6lb)

### Standard printer security

Support for Kensington® security lock

### Power supply

- 220-240V/110-115V, 50-60 Hz
- Standby mode and reduced power consumption

### Operating environment

- Temperature: 15°C to 40°C, 59°F to 104°F
- Humidity: 20% - 65% (non-condensing)

### Storage conditions

- Temperature: -5°C to 70°C, 23°F to 158°F
- Humidity: 20% to 70% (non-condensing)

### Sound (ISO 7779)

Sound pressure less than 48dB (A)

### Certifications

RoHS, CE, FCC, CQC, UL, WEEE,  
Proposition 65 (California, USA)

### Warranty

- 3 years (subject to the use of chromXpert® ribbons)
- Lifetime printhead cover\*

## Card specifications

### Input hopper capacity

- 200 cards (0.76 mm / 30 mil thickness)
- Single card manual feeding

### Output hopper capacity

200 cards

### Card thickness

0.25 mm - 1.25 mm / 10 mil - 50 mil

### Card types

PVC, PVC Comp, PET/G/F/IX, ABS, PC

## Software specifications

### XPS printer driver

Windows® (32/64bit) 7, 8.1, 10, 11, Server 2012, 2016, 2019, 2022.

### Card design and issuance software

Card Exchange Producer - Go edition.

### Integration tools

- EDIsecure® middleware
- SDK available for system integrators

## Options

### Communications interface

- Single wire encoding
- WiFi (802.11 a/b/g)

### Dual input hopper

Extra 200 cards (special printer version only)

### Magnetic stripe encoding

ISO 7811 HiCo/LoCo, JIS2

### 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



### Reject bin option

100 cards

### Optional printer security

- Electromagnetic locking of card hoppers and consumables bay
- Manual locking of reject bin

### Dual-side activation license

Field upgradable from single to dual-sided



## Consumables

chromXpert

- To ensure print quality and card durability, printhead lifespan and overall printer reliability, use chromXpert ribbons only.
- Supply cores and cassettes are recyclable. Packaging is recycled.

### ChromXpert™ ribbon program

• YMCK (700 prints) **PR24019109**

• Retransfer film (700 prints) **PR24019219**

**Cleaning kit** **PR24000601**

### COMING SOON

• YMCKK (550 prints) **PR24019117**

• YMCKUv (550 prints) **PR24019113**

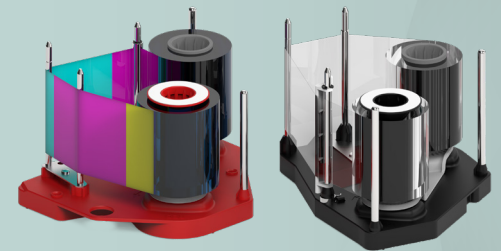
• YMCKSc (550 prints) **PR24019112**

• YMCKPo (550 prints) **PR24019118**

• YMCKH (550 prints) **PR24019123**

• Monochrome K **PR24019115**

• Monochrome White **PR24019122**



\* Warranty subject to strict compliance with specific usage and maintenance conditions and use of ChromXpert consumables. See Warranty document for more information.

**MATICA**  
GROUP

## 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

XID-M600 Datasheet A4 UK V1

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