XID8600



8600

Designed for ultra high-resolution secure card printing



Matica's XID8600 is a premium quality printer, perfectly suited for the most demanding ID card programs requiring high definition and high security printing. Its 600dpi printhead delivers outstanding image quality combined with security printing, including microtext and covert UV printing to increase the number of Visual Security Elements (VSEs) on the card.

Built on the established XID series print engine, the XID8600 is durable and reliable. This, in combination with its high security print options, large capacity ribbons (1000 images) and its ability to print on durable card materials such as PC and ABS, make it ideal for high-volume secure government ID schemes, including driver's licenses and national ID cards.

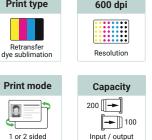
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Full color

Ethernet

Q

Standard features Print type 600 dpi







Optional features

Lamination 古古

Inline option



UV printing

Option

11

XID8600 delivers

- 600 x 600dpi dual-sided printing
- 200 card input feeder / output hopper
- Robust and durable print engine
- Consistent print quality on multiple card surfaces/materials
- High capacity consumables (1000) images)
- Security printing including microtext and UV
- Up to 125 cards per hour
- USB and Ethernet

Ideal for...

- Secure government ID card programs
- Increased card security
- Mid to high volume desktop issuance



XID8600

Tailored, secure retransfer printing

The **XID8600 can be customized** according to a project's precise requirements. Both internal and external modules can be added to suit the required usage. Since sophisticated ID card applications normally require personalization on both sides of the card, the standard XID8600 model comes equipped for **duplex printing**, due to the factory-fitted built-in flipper module. A 200-card feeder and output hopper (for cards with a standard thickness of 0.76 mm) is similarly integrated.

For **secure technology based cards**, an inline contact or contactless chip encoder, as well as a magnetic stripe encoder are also available. The XID8600 can be seamlessly connected to single or dual-sided **inline lamination modules** (Matica's ILM-LS or ILM-DS) to increase the durability and tamper-resistance of cards.

Printer specifications

Print technology

Dye-sublimation, retransfer

Print resolution

600 dpi

Print area

ISO CR-80, 85.60 x 53.98 mm

Print speed

Color: Up to 125 cards per hour (single-sided)

Print mode

Single and dual-sided

Communications interface

USB 2.0, Ethernet

Printer security

Support for Kensington[®] security lock Printer dimensions (HxWxD)

343 x 322 x 360 mm / 13.5" x 12.7" x 14.2"

Weight

13.9 kg / 30.6 lb (excluding optional built-in items)

Power supply

• 220-240V/100-120V, 50-60 Hz • Standby mode and reduced power consumption

Operating environment

• Temperature: 15°C - 30°C, 59°F - 86°F • Humidity: 35% - 70% (non-condensing)

Storage conditions

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

Certifications

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



Global offices

Europe: Switzerland HQ, Italy Asia: Malaysia, India USA: South Carolina HQ, Minneapolis Middle East: Dubai

Warranty

3 years (subject to the use of chromXpert® ribbons) Printhead: Lifetime warranty

Card specifications

Input hopper capacity

200 cards (0.76 mm / 30 mil thickness)

Output hopper capacity 100 cards, 100 reject bin

Card thickness 0.25 mm - 1.02 mm / 10 mil - 40 mil

(Hopper adjustment required) Card types

ISO CR80, PVC, PVC-C, PET-F, PET-G, ABS, PC

Software specifications

XPS printer driver

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

Options

Smart card / Contactless encoding

Contact PC/SC, EMV compliant

 Smart contact station: ISO 7816-2
ISO14443A, B, ISO15693, MIFARE[®], DESFire[®], HID iClass[®]

Magnetic stripe

ISO 7811 HiCo/LoCo (factory fit only)

Lamination

Inline single or dual-sided module





Consumables chrom Xpert

 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 Part No.	
YMCK (1000 prints)	Diamond: PR000816
YMCKK (750 prints)	Diamond: PR000817
YMCKUv (750 prints)	Diamond: PR000813
• K (2200 prints)	Diamond: PR000815
• YMCKPo (750 prints)	Diamond: PR000818
• RT film (750 prints)	Diamond: PR000819
• Cleaning Kit	DIC10044



Authorized reseller / System integrator



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XID8600 Datasheet A4 UK V3

