XID8300

Printhead warranty: LIFETIME

Warranty: 3 YEARS

Reliable solution for high quality ID card personalization

Matica's **XID8300** is a versatile, durable and reliable printer with an established and renowned print engine. Its retransfer printing technology offers **consistent, crystal clear printing right over the edge of the card**. This indirect printing method also enables the XID8300 to print on variable surfaces found on contactless/contact chip cards and on multiple materials including PC (polycarbonate), PET and ABS cards, in addition to PVC.

Matica's XID8300 is available as a single or dual-sided printer with a bend remedy option to ensure card flatness. Its durability backed with a **3 year warranty** and its high capacity ribbons (1000 images) mean it is well suited to mid to high volume card issuance applications, including **access control cards or student ID cards**.

Standard features

- **Print type**: Retransfer dye sublimation
- **300 dpi**: Resolution
- **120 cph**: Full color
- **Print mode**: 1 or 2 sided
- **Capacity**: 200 / 100 Input / output
- **Ethernet**

Optional features

- **Encoding**: Options
- **UV printing**: Option
- **Lamination**: Inline option
- **Bend remedy**

XID8300 delivers...

- 300 x 300dpi printing
- Robust and durable print engine
- Consistent print quality on multiple card surfaces/materials
- High capacity consumables (1000 images)
- Up to 120 cards per hour
- Scalable design and compact footprint
- USB and Ethernet

Ideal for...

- Mid to high volume secure ID card programs
- Corporate cards
- Access control cards
- Campus / student cards

XID8300

Secure your ID project

Additional covert security printing can be added to the card using the UV ribbon option. To further reduce the risk of card fraud, the XID8300 offers a range of other card/data **security options including IPSEC** for encrypted data transfer and magnetic stripe, contact chip and contactless **encoding options**. The printer can also be secured with a Kensington lock.

Printer specifications

Print technology

Dye-sublimation, retransfer

Print resolution

300 dpi

Print area

ISO CR-80, 85.60 x 53.98 mm

Print speed

Color: Up to 120 cards per hour (single-sided)

Print mode

Single-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)

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

Card thickness

0.25 mm – 1.02 mm / 10 mil – 40 mil
(Hopper adjustment required)

Card types

PVC, Composite PVC, ABS, PET and Polycarbonate

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®

Lamination

Inline single or dual-sided module

Print mode

Dual-sided printing

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	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**

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Authorized reseller / System integrator

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