

XL8300

Printhead
warranty

LIFETIME
∞

Warranty

2
YEARS

Specialist printer for **oversized** event cards and credentials



Built on Matica's established XID print engine, the XL8300 utilizes its retransfer printing technology to offer high quality, bespoke event badge printing on **wide format plastic cards**, widely used as access credentials in the event management industry.

Concert organizers, professional sports teams or event management marketing agencies can rely on XL8300 to quickly deliver personalized credentials for their events. Oversized cards may serve as event passes or tickets, as well as name tags to identify regular attendees, VIPs or staff. Highly visible, personalized, oversized cards for **attendees, VIPs and staff** help facilitate event security and access control requirements.

With outputs of up to 128 cards per hour in monochrome mode and up to 85 full color cards per hour, the XL8300 can deliver even when event timelines are tight and deadlines are looming. Its compact desktop footprint makes enables event badges to be **printed onsite and on demand**.

Standard features

| | | | |
|---|------------------------------------|----------------------------------|---------------------------------|
| Print type Retransfer dye sublimation | 300 dpi Resolution | 128 cph Monochrome | 85 cph Full color |
| Input capacity x100 | Output capacity x100 | Ethernet | LCD display READY |

XL8300 delivers...

- ▶ 300 x 300dpi color retransfer printing
- ▶ Oversized card format: 124 x 85.6mm / 4.88" x 3.37"
- ▶ Robust and durable print engine
- ▶ Consistent print quality on multiple card surfaces/materials
- ▶ High capacity consumables (1000 images)
- ▶ Up to 85 color cards per hour
- ▶ Scalable design and compact footprint
- ▶ USB and Ethernet

Ideal for...

- ▶ Corporate events
- ▶ Concerts
- ▶ Sports events

Options

| | |
|--------------------------------------|----------------------------------|
| Smart encoding Options | UV printing Option |
|--------------------------------------|----------------------------------|

XL8300

On-site issuance of high quality oversized cards

The XL8300 offers the **largest printable area for plastic cards on the market** and its superior print quality will positively reflect the image of the brand or organization.

This event badge printer lets issuers choose between monochrome carbon black shades or a full color range. Its retransfer printing technology ensures that issuers are not bound to standard PVC cards, but can also opt for more durable card materials, such as ABS and PET.

Matica's XL8300 also offers a number of **features to help secure events**. These include a **contactless chip encoding** option for sites with specialized security requirements, as well as **UV printing** that enables the printing of an invisible logo, text, or watermarks to **protect badges against forgery**.

Printer specifications

Print technology

- Dye-sublimation, retransfer

Print resolution

- 300 dpi

Print area (oversized card format)

- 124 x 85.6mm / 4.88" x 3.37"

Print speed

- Monochrome: 128 cph
- Color: 85 cph

Print mode

- Single-sided

Communications interface

- USB 2.0, Ethernet

Printer security

- Support for Kensington® security lock

Printer dimensions (HxWxD)

- 256 x 202 x 405 mm / 10.6" x 7.9" x 15.9"

Weight

- 15.6 kg, 34.3 lb

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

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

Card specifications

Input hopper capacity

- 100 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, ABS, PET

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®

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 (1000 prints) | Diamond: PR000819 |



Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: South Carolina HQ, Minneapolis

Middle East: Dubai



Authorized reseller / System integrator

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