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**.

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

Standard features

Print type	300 dpi	128 cph	85 cph
Retransfer dye sublimation	Resolution	Monochrome	Full color

Input capacity	Output capacity	Ethernet	LCD display
x100	x100		READY

Options

Smart encoding	UV printing
Options	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**



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Authorized reseller / System integrator

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