The Accreditation Printer

The Pe2M 2XL+ is the next generation of our proven 2XL printer and was developed especially for the personalization of professional large size accreditation badges.
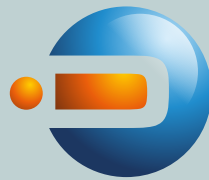
Technically, the 2XL+ remains the same, robust design and works with the same consumables as its predecessor. However, the exterior design has been completely redesigned and is now gray and silver with a newly designed card stacker and a hopper which now also has a transparent cover. Also, the 2XL+ comes with one color and one black ribbon as well as with a set of sample cards as a starter kit.

Pre-printed XXL cards in the format of 124.8 x 88 mm or 140.0 x 88 mm can be printed in a printing area up to 86.0 x 54.0 mm individually. The printing position can be easily adjusted using the integrated positioning tool.

For the 2XL+, various additional modules are available, which can also be retrofitted later. For example, there is an Ethernet module for operation in a network, a mini PC for direct operation out of the cloud, different inline encoding modules for RFID technologies such as Mifare and UHF, as well as a modification to print on transparent cards.
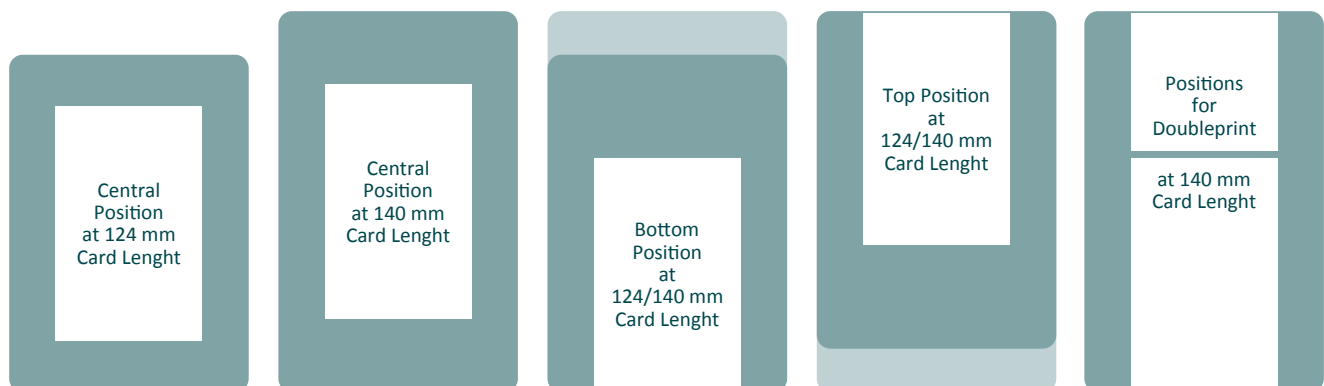
The 2XL+ is the ideal solution for the professional design of preprinted large format accreditation cards, for example for sports or music events. Within seconds, participants can be equipped with convenient, oversized and forgery-proof ID cards.

XXL Plastic Card Printer

Technical Specifications

- Printing Technology: Dye-Sublimation / Thermal Printing
- Interface: USB 1.1 (compatible with USB 2.0)
- Ribbons:
  Full color YMCKO for 200 cards
  Monochrome ribbons for 2.000 prints each available in Black (K), White, Blue, Red, Green, Silver and Gold
- Printing Resolution: 300 dpi
- Printing Speed:
  Full color (YMCKO) up to 180 cards per hour
  Monochrome print up to 1.400 cards per hour
- Card Sizes: 124 x 88 mm (4.88 x 3.46 inch) or 140 x 88 mm (5.5 x 3.46 inch)
- Card Thickness: from 0.25 mm (10 mil) to 1 mm (40 mil)
- Card Feeder for 100 cards (0.76 mm / 30 mil thickness)
- Output Hopper for 50 cards (0.76 mm / 30 mil thickness)
- Driver for Windows 2000, XP, Vista, Windows 7 (32/64-bit), Windows 8 (32/64-bit), Mac OS 10.5-10.8, Windows 10 (32/64-bit)
- Encoding Options:
  contactless (RFID) encoder: Mifare
  contactless (RFID) encoder: UHF
- Additional Options: Ethernet interface, Mini-PC for cloud connection
- Dimensions:
  Printer: 197.8 mm (B) x 354 mm (L) x 204 mm (H) (without feeder and output hopper),
  7.79 inch x 13.94 inch x 8.03 inch (without feeder and output hopper)
  Printer boxed: 300 mm (B) x 500 mm (L) x 300 mm (H), 11.81 inch x 19.69 inch x 11.81 inch
- Weights: Printer: 5.2 kg / 11.46 lb (without options), Printer boxed: 7.4 kg / 16.31 lb (without options)
- Warranty: 2 years

Central Position at 124 mm Card Lenght

Central Position at 140 mm Card Lenght

Bottom Position at 124/140 mm Card Lenght

Top Position at 124/140 mm Card Lenght

Positions for Doubleprint

at 140 mm Card Lenght

possible Positions of the 85.6 x 53.98 mm (3.375 x 2.125 inch) Printing Area