

XP is IXLA's desktop product range for e-Passport personalization, designed for decentralized issuance. Thanks to its proven, outstanding reliability, **XP** can be also installed in "clusters" of systems, to create redundant and scalable centralized solutions.

The **XP** system provides IXLA's renown quality of laser engraving, including special features like tilted engraving, clear windows, tactile, microtext, and high yield chip encoding.

It is equipped as standard with high resolution vision system for accurate graphics positioning and quality control, while the tray-based transport system avoids scratches on passport cover and datapage, allowing to automatically handle up to 20 passports

with the ability of adding more during processing.

Choice of encoding engines, including VHBR, and dedicated antenna positioning.

XP24

PASSPORT PERSONALIZATION PRINTER









Desktop Laser e-Passport Printer

XP24



Laser Marking



All IXLA systems allow the engraving of photos and personal data on the front side of the datapage

Laser type options:

- High Definition (HD) with DPSS Diode Pumped Solid State
- High Performance (HP) with Fiber Laser

Personalization Features:

Main portrait picture

Contactess encoding

- Ghost image
- Indent or Emboss Tactile effect
- Microtext
- Clear Window



CLI/MLI

MLI Mechanical tilting mechanism on XP25 and Mirror MLI option on XP24





A complete «over IP» HW and SW solution with multitask distributed object oriented operating system. This device is the most optimized solution no matter the number of heads. Also supporting VHBR or a point to point connection, PC/SC including the complete mifare family.



Vision System

The integrated vision tools allow pre-personalization product inspection, quality control, barcode reading, offset registration of laser engraving data, OCR/OCV verification of personalized data.

MRZ quality control and distance verification



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MRZ QC

XP24 XP25 DPSS or Fiber Laser up to 20 Watts **Laser Type** DPSS or Fiber Laser up to 20 Watts DPSS or Fiber Laser up to 20 Watts Polycarbonate Passport types Polycarbonate Polycarbonate, Paper 20 Booklets 20 Booklets 20 Booklets **Passport Hoppers Passport Output stacker** Optional Optional Optional Inspection window Yes Yes High Performance Fiber Laser High Performance Fiber Laser High Definition or High Performance Laser Print mode High Definition DPSS Laser High Definition DPSS Laser Secure inkjet printer XY Offset registration Yes Yes Yes Yes Yes RFID Chip encoder 60-100 60-100 50 - 80 Throughput (cph) Included Included Included Vacuum system Optional Optional OCR barcode reader Optional Yes Yes (mechanical tilting) Yes (on demand) CLI-MLI AIDA Machine & Perso controller AIDA Machine & Perso controller AIDA Machine & Perso controller Software 66 x 44 x 56 Dimensions (D x W x H) 58 Weight









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