

e-Passports  
issuance

Non standard or occasional  
formats (ID-2, ID-1, tags)

Decentralized issuance

Cluster centralized  
issuance



LASER and INKJET  
PERSO SYSTEMS  
for GOVERNMENT  
and PAYMENTS

**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 title engraving, clear windows, tactile, micotext, 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.

**XP24-25**  
PASSPORT  
PERSONALIZATION  
PRINTER



LASER MARKING



CLI / MLI



CHIP ENCODING



OCR, XY reg.



MRZ QC

# Desktop Laser e-Passport Printer

# XP24-25



## 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



LASER MARKING

Personalization Features:

- Main portrait picture
- Ghost image
- Indent or Emboss Tactile effect
- Microtext
- Clear Window
- Others

## CLI/MLI



CLI / MLI

Mechanical tilting mechanism on XP25 and Mirror option on XP24.

## Contactless encoding



CHIP ENCODING

A complete «over IP» HW and SW solution with multitask distributed object oriented operating system. Also supporting VHBR or a point to point connection, PC/SC including the complete mifare family.

## Vision System



OCR, XY reg.

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 QC

MRZ quality control and distance verification.

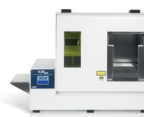
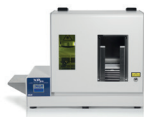


## XP24

## XP25

## XPrint

Laser Type	DPSS or Fiber Laser	DPSS or Fiber Laser	Fiber Laser
Passport types	Polycarbonate	Polycarbonate	Polycarbonate, Paper (ink only)
Passport Hoppers	20 Booklets	20 Booklets	30 Booklets
Passport Output stacker	Optional	Optional	Optional
Inspection window	Yes	Yes	Yes
Print Mode	High Performance Fiber Laser High Definition DPSS Laser	High Performance Fiber Laser High Definition DPSS Laser	High Performance Fiber Laser combined with DOD Printing on Polycarbonate or paper up to 1,200dpi
XY Offset registration	Yes	Yes	Yes
RFID Chip encoder	Yes	Yes	Yes
Throughput (cph)	60-100	60-100	50-80
Vacuum system	Included	Included	Included
OCR barcode reader	Optional	Optional	Optional
CLI-MLI	Yes (mirrors)	Yes (mechanical tilting)	Yes
Software	SKD and i3 web app	SKD and i3 web app	AIDA Machine & Perso controller
Dimensions (D x W x H) (cm)	65 x 43 x 55	66 (77) x 46 x 56	110 x 63 x 60 (cabinet excluded)
Weight (Kg)	52	60	203



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Certification

