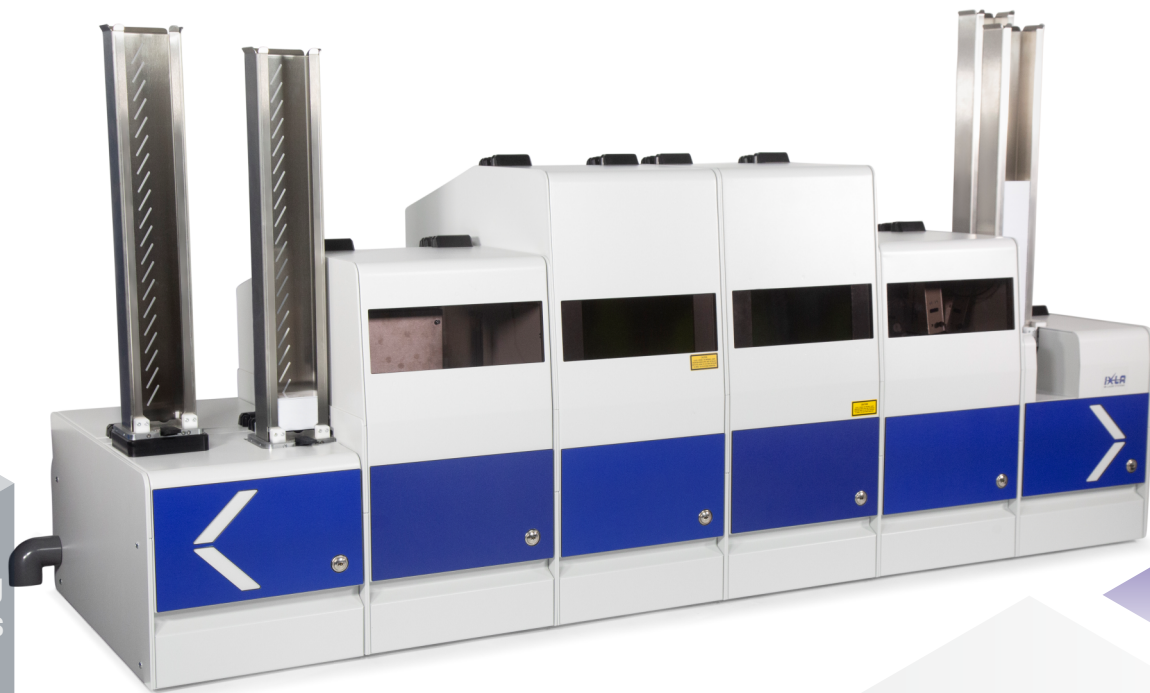


Driving
Licenses



IXLA
ID LASER SYSTEMS

Volume
issuance

ID cards

Credit & Debit Cards

High Security
Government
Credentials

Laser and Inkjet Perso Systems for Government and Payments

BOX is a modular laser personalization system for mid to high volume card issuance, designed to fulfill demanding productivity and business continuity requirements in Government and Financial applications.

BOX adds color printing by DOD technology to IXLA renowned laser expertise, output quality and product reliability, delivering the most effective solution in the midrange space for the issuance of ID & Driving License issuance and financial and commercial cards.

BOX can be configured with up to 4 dual side laser stations with embedded vision system registration, DOD high speed printing station, magstripe encoding, high yield multiple chip encoding, quality control with data integrity verification.

IXLA personalization management software platform provides a comprehensive production and machine control application, easy to integrate with existing systems.

BOX

CARD
PERSONALIZATION
MODULAR SYSTEM



COLOR PRINTING



DoD and LASER



LASER MARKING



DUAL SIDE



MAG STRIPE



OCR, XY reg.



C/CLESS



QUALITY CONTROL

Midrange Card Personalization

BOX

IXLA
ID LASER SYSTEMS



COLOR PRINTING

DoD Printing: high flexibility low costs. Nozzle resolution 600npi . Print Mode:
4 colors (Y,M,C,K)
5 colors (Y, M, C, K, Varnish)
Add on demand special inks:
e.g.: spot colors, metallic, invisible, fluorescent, special inks on request



LASER MARKING

Laser engraving, based on field proven transport, high performance scanning head and up to 30W fiber laser, all integrated by the IXLA control platform; up to 4 laser modules are allowed for each system.
CLI and MLI also included



MAG STRIPE

In line Magnetic stripe reader can read/write 3 Track Magstripe per ISO 7810, 7811.
3TRK, Hi-Co/Lo-Co, ISO compliant



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 or full data integrity verification



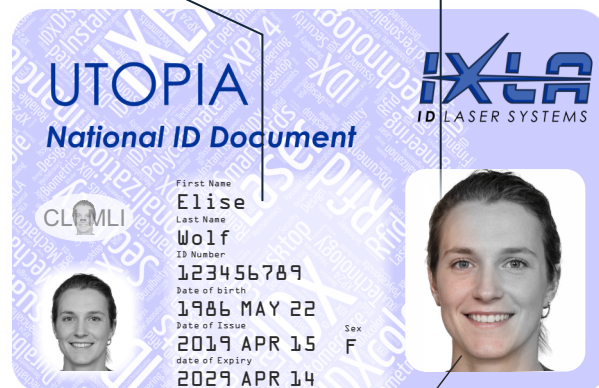
C/CLESS

The system enables loading of personal data into the integrated electronic contact or contactless chip (4 heads). The unit verifies whether data is applied correctly. Rejects

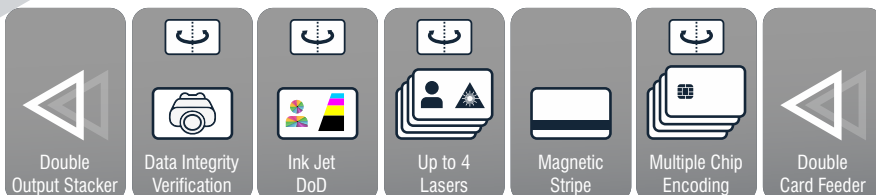


DoD and LASER

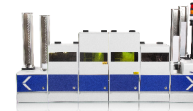
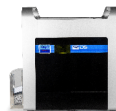
Laser protected image, Black and graytones on the picture are permanent laser engraved.
CLIP-ID right side Optional



BOX MODULAR DESIGN



	IDX	IDC	ID5	ID7	BOX
Laser Type (N° of lasers)	DPSS or Fiber up to 20 Watts	DPSS or Fiber up to 20 Watts	DPSS or Fiber up to 20 Watts	DPSS or Fiber Laser up to 30 Watts	Fiber Laser (4) up to 30W
Card types ISO7810	PC/PVC/PET	PC/PVC/PET	PC/PVC/PET/METAL	PC/PVC/PET/METAL	PC/PVC/PET
Card Hoppers	100 Cards	100 Cards	300 Cards	2 x 300 Cards	2 x 500 Cards
2nd Card hopper	50 Cards	No	No	Yes	Yes
Card Output stacker	50 Cards	100 Cards	250 Cards	250 Cards (optional dual output hopper)	2 x 500 Cards
Print Mode	Laser	Laser Color dye-sub. retransfer	Laser	High performance Laser	High speed DoD UV Curable Inkjet
XY Offset registration	Yes	Yes	Yes	Yes	Yes
C-CL encoder	Single	Single	Single	Multiple up to 3	Multiple Up to 8
Magnetic stripe R/W	Yes	Yes	Yes	Yes	Yes
Throughput (cph)	60	100	150 (approx. 200 EMV financial)	250 (approx. 400 EMV financial)	Up to 1000 cph
Vacuum system	Included	Included	Included / External	Included / External	Included/External
OCR barcode reader	Yes	Yes	Yes	Yes	Yes
CLI-MLI	CLI only	Yes	Yes	Yes	Yes
Software	SDK and I3 web App.	SDK and I3 web App.	AIDA Machine & Perso controller	AIDA Machine & Perso controller	AIDA Machine & Perso controller
Dimensions (D x W x H)	31 x 39 x h54	39 x 35 x h32 (laser only)	55 x 35 x h60	58 x 46 x h60	90-210 x 60 x h100
Weight	23	24	64	74	140-200



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ISO 9001

BUREAU VERITAS
Certification

