

CARD PERSONALIZATION SYSTEMS

Card Input feeder:

The operator simply places a stack of cards into the input tray. The input tray can hold a large stack of cards. The cards are fed into the system automatically. Key lock available upon request

Vision System

A camera can be installed to identify cards with pre-printed information such as a number or barcode. XY autoposition can be easily configured with dedicated web tool.

C-CL Encoder

The system enables loading of personal data into the integrated electronic contact or contactless chip. The unit can be equipped with 1 heads (or 4 heads on BOX systems). The unit verifies whether data is applied correctly. Rejects and cards with malfunctioning chips are sent to the reject bin.

Magnetic Stripe

In line Magnetic stripe reader can read/write 3 Track Magstripe per ISO 7810, 7811

Laser Modules

The system performs the laser engraving of the photo and personal data into the front and back side of the card. The data is aligned relative to pre-printed marks using a camera. Several laser engraving options are available such as tactile laser engraving and the application of an MLI, CLI or SLI feature. The quality of the laser engraving is high, allowing hidden information to be incorporated in the photograph.

Vision Quality control unit

Cameras cross check all applied visual data and features Rejects are sent to the reject bin. Loggings are kept of all results.

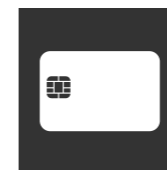
Card output stacker

Finished and approved cards are stacked in the output tray where the operator can remove them at any time, also during operation. The system will stop automatically when the last card has been processed and placed in the output tray.

	IDX	ID5 10W	ID5 20W	BOX10	BOX 20
Laser Type	DPSS	DPSS	Fiber Laser	DPSS	Fiber Laser/DPSS
Laser modules	1	1	1	2	2
Card input feeder	Optional	300 Cards	300 Cards	500 Cards	500 Cards
2 nd Card Feeder	Optional	Optional	Optional	No	No
Card output stacker	100 Cards	250 Cards	250 Cards	500 Cards	500 Cards
Vision system	Yes	Yes	Yes	Yes	Yes
Vision quality control unit	-	-	-	Yes	Yes
C-CL encoder	Yes	Yes	Yes	Multiple (up to 4)	Multiple (up to 8)
Magstripe encoder track 1-2-3	Optional	Optional	Optional	Optional	Optional
Maximum throughput (cph)	30	100	150	300	600
Power Absorption	50W	300W	300W	Min 400W Max 1000W	Min 400W Max 2000W
Cooling	Air	Air	Air	Air	Air
Provision for external air vacuum	Yes	Yes	Yes	Yes	Yes
Active Carbon Filter	Yes	Yes	Yes	Yes	Yes
Reject Bin	Yes	Yes	Yes	Yes In each module	Yes In each module
CLI - MLI - SLI	Optional	Optional	Optional	Optional	Optional
Software	SDK and I3 Web App	SDK and I3 Web App	SDK and I3 Web App	SDK	SDK
Size cm	30x30x50	55x35x60	55x35x60	150x60x100	180x60x100
Weight Kg	20	60	60	100-170	140-200



ID CARD

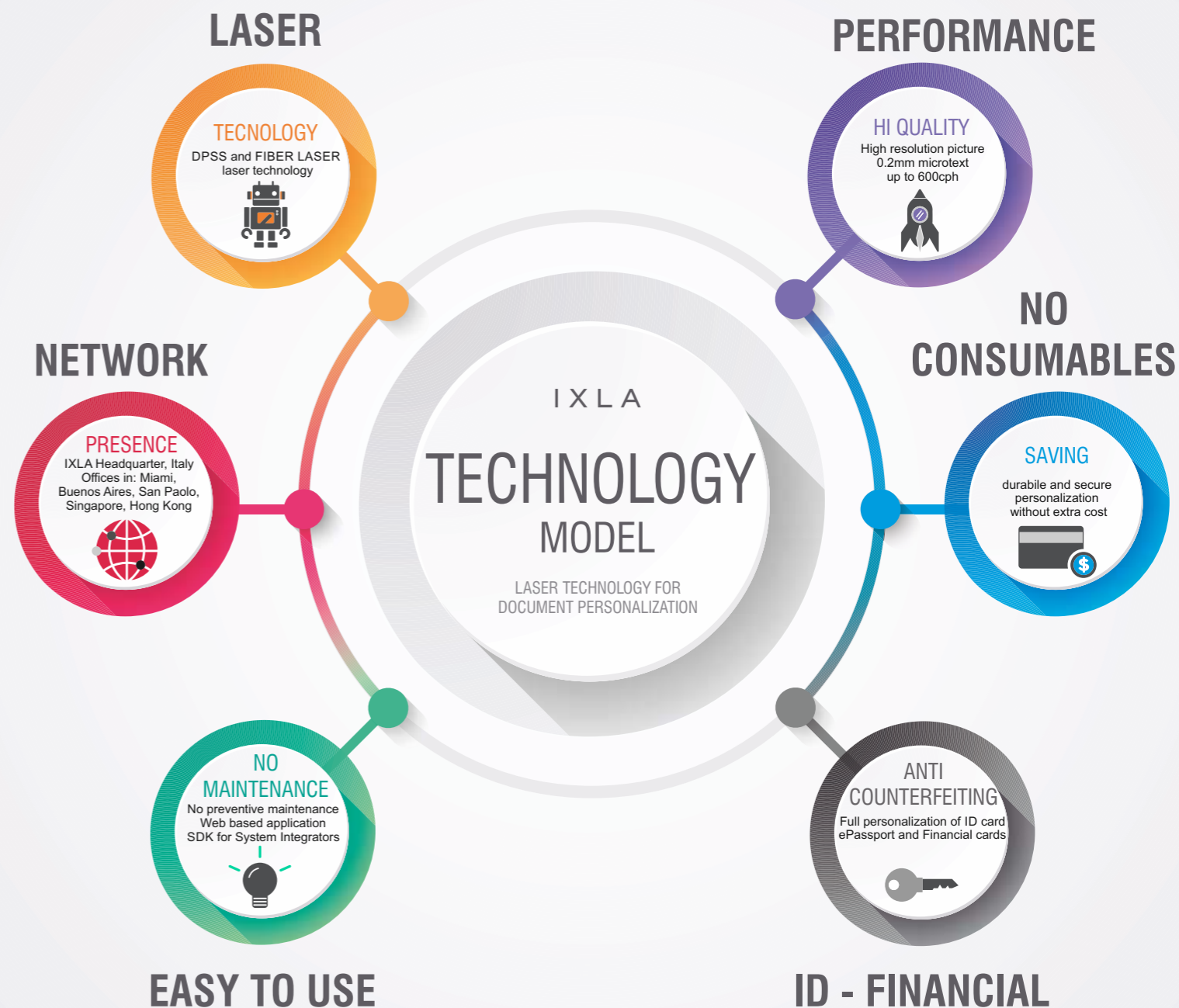


SMARTCARD



PASSPORT

ID Technology, Laser Experts, Security Solutions





ID5 Heavy Duty Card Printer

Desktop laser system
up to 200 cph

ID5

The ID5 desktop laser printer is a world class equipment for centralized and decentralized applications. It is designed to encode and laser engrave ID and banking documents. ID5 is provided with a web based software tools for full user control and systems logs. High resolution images through grayscale enhanced software.



IXLA BOX Mid Range Card Printer

patent pending

Mid range
personalization system

BOX 10
up to 300cph
BOX 20
up to 600cph



IDX Desktop Card Printer

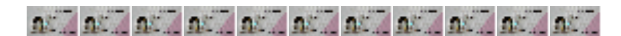
patent pending

Compact laser system
for front office application



IDX

The IDX is a compact desktop laser printer, is the state of the art equipment for decentralized applications. IDX includes dual card feeders for alternate stock (optional), a web based software tools for full user control and systems logs. High resolution images through grayscale enhanced software. It is also equipped with magnetic stripe encoder (optional) and chip encoding (optional).



IXLA BOX

The IXLA BOX is an innovative modular system for mid-high volume laser engraving card personalization. Latest technologies and standards for easy system integration, make it compact and ergonomic. Modular design to simplify on site maintenance and upgrades.

BOX10



Output Stackers Vision Q. Control Laser 10W Laser 10W Magnetic Stripe Chip Encoding Card Feeder

BOX20



Output Stackers Vision Q. Control Laser 20W Laser 20W Magnetic Stripe Chip Encoding Card Feeder