Laser Personalization System

smart *70X*

Stand-alone single or dual-sided laser engraving of text, images and security features

Magnetic encoder, contact / contactless encoder installable

Micro Text

MRZ (Machine Readable Zone) Text

CLI (Changeable Laser Image)

Tactile Effect

Monitoring Camera

High Volume Input & Output Hopper, Color & Mono Printing, Air Cleaning

(as optional modules)

Eco-Friendly Low Power Consumption

Full Modular Design

Name/Surname
LUCCI / CHRISTINE
ID Number
FR638373497513202
Date of Birth
05 /14 / 1980

CCI CHRISTINE

IDP

Laser Engraver for ID Cards

SMART-70X is a laser engraver module of IDP's SMART-70 Series ID card printer.

Equipped with laser engraving capability, SMART-70X is a perfect solution for instant personalization of secure cards in an environment where the maximum level of security is required.

With the unique modular concept of SMART-70 Series, SMART-70X can be used as a stand-alone laser engraver or with other SMART-70 modules such as SMART-70 direct-to-card printer, Laminator, Hybrid Flipper, Output hopper.

* PC (Polycarbonate) card is recommended for standalone use of SMART-70X.
* Laserable PVC card is recommended for use of SMART-70X with SMART-70 Printer (Dye-Sublimation Printing)

Specifications

LASER ENGRAVING

• Laser Type	6W Air-Cooled DPSS Laser, ND:YAG
• Resolution	1200dpi
• Scanning	Raster & Vector Scanning
• Engraving Mode	Single or Dual-sided Laser Engraving
• CLI	Changeable Laser Image
• Warranty	20,000 hours or 2 years

CARD

• Card Feeding	Automatic, Manual
• Card Size	ISO CR80 (54mm x 86mm / 2.12"x 3.38")
• Card Thickness	0.76mm (30mil)
• Card Type	Laserable PVC, PC (Polycorbonate) Card

CAPACITY

• Input Hopper	Max. 500 Cards (Optional : SMART-70 Input Hopper)
• Output Hopper	Max. 500 Cards (Optional : SMART-70 Output Hopper)
• Error Card Bin	Max. 20 Cards

SECURITY

• Physical Lock	Laser System, Error Card Bin

SYSTEM

• Display	LCD & LED
• Control Panel	4 Buttons
• Vision Camera	Laser Engraving Monitoring
• Supported Platforms	Microsoft Windows 7/ 8/ 10
• Communication	USB
• Power Supply	100V to 220V ±10%
• Temp. & Humidity	10~30℃ / 20~80%

DIMENSIONS

• Millimeter (WxLxH)	450 x 230 x 425
• Inch (WxLxH)	17.7 x 9.1 x 16.7
• Weight	Approx. 25 kg (55 lbs)

OPTIONS

• Magnetic stripe Encoding (HiCo/LoCo) / Contact & Contactless Encoder
• Air Cleaning (Gas & Vapor Protection – Organic Vapor/Acid Gas/Ammonia/Methylamine/Formaldehyde)
• SMART-70 Direct card printer and Modules (Input & Output Hopper, Laminator, Flipper)

LASER SAFETY

• IEC-60825-1 CLASS 1 Standard

Flexibility

Easily Upgradable, No need for Tools or IT technician
Just connect each station and synchronize

Input Hopper + Printer + Laser Engraver + Hybrid Flipper + Laminator + Output Hopper

Air Cleaning Module

* Optional Module

* Specifications and availability may change without notice.

Gas & Vapor Protection

Organic Vapor, Acid Gas, Ammonia, Methylamine, Formaldehyde

IDP Corp., Ltd.
#601, 50, Digital-ro 33-gil,
Guro-gu, Seoul, Korea, 08377
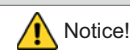T +82-2-6099-3700
F +82-2-6099-3717
E sales@idp-corp.com

IDP Americas, Inc.
1485 S County Trail Unit 306
East Greenwich RI 02818
U.S.A.
T +1-401-400-7111
F +1-401-667-7445
E sales.na@idpnorthamerica.com

IDP Middle East
13F, Jafza View 18, Downtown
Jebel Ali P.O.Box 17588,
Dubai U.A.E.
T +971-4-889-5900
E mea@idp-corp.com

⚠ Notice! Please read the instruction manual before starting to use SMART-70X in order to make sure the correct and safe use of the product.

iDP **IDP**

www.idp-corp.com