

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

High Volume Input & Output Hopper, Color & Mono Printing

(as optional modules)

Eco-Friendly Low Power Consumption

Full Modular Design





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 Air-Cooled DPSS Laser, ND:YAG
- Wave Length 1064nm
- Output 6W
- Resolution 1200dpi
- Scanning Raster & Vector Scanning
- Engraving Mode Single or Dual-sided Laser Engraving

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 (Polycarbonate) 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%
- Temperature 10~30℃
- Humidity 20~80%

DIMENSIONS

- Millimeter (WxLxH) 450 x 230 x 425
- Inch (WxLxH) 17,7 x 9,1 x 16,7

OPTIONS

- Magnetic stripe Encoding (HiCo/LoCo)
- Contact & Contactless Encoder
- CLI (Changeable Laser Image)
- High Volume Input Hopper (Max. 500 cards)

LASER SAFETY

- IEC-60825-1 CLASS 1 Standard

Flexibility

Easily Upgradable, No need for Tools or IT technician

Just connect each station and synchronize



Dimension



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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.



www.idp-corp.com