



*DPS Smart C, P & CP:
True plug-n-play
laser personalization
for cards and passports*

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► DESKTOP PROCESSING SYSTEM
SMART



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The **DPS – SMART** can install multiple laser sources with different technologies: DPSS, fiber laser, special sources to mark on plastic materials. Different versions are available to address card and passport project needs.

With a card transport speed up to 800 cards/h, the **DPS – SMART** combines the dimensions of a desktop machine with the performance of a central issuing machine. The true plug-n-play modularity allows a scalable approach to the personalisation with investment optimization.

Available modules:

- Automatic Input Stacker
- Encoder Module
(Magnetic Stripe + Contact Chip + RFID)
- Laser Module
- Module C – Card Transport Module
- Module P – Passport Feeding Module
- Quality Assurance / Data Integrity
- Automatic Output Stacker

Advanced security features are supported like: micro-text, tactile effect, CLI and MLI. The standard configuration includes a card turning station for the automatic marking of both card sides and automatic CLI marking. MLI marking is also supported as factory option. The lenticular windows can be located in any position of the card without limitations.

The **DPS - SMART** is a robust, scalable and extremely flexible card and passports personalization equipment which answers the needs of ID cards, driving licenses, health cards, resident permits, voter cards, passports, debit or prepaid cards, ATM cards, metal payment cards, public transport cards, university or corporate ID cards, loyalty and petrol cards.



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DPS Smart C



DPS Smart P



DPS Smart CP



General Features

- Supported form factors: ID1, TD3
- Standard resolution: 1200 dpi
- Laser type: DPSS, fiber
- **Card transport speed: up to 800c/h**
- Power consumption: 0.3 kW
- Power supply: 110/220 V AC

Material Specifications

- Polycarbonate
- Laser markable PVC
- Metal cards (pure metal, hybrid, encapsulated)
- PVC (standard PVC)
- PET-G

Encoding Options

- Magnetic stripe
- ISO7816 contact chip
- ISO14443 A/B contactless chip

Marking Features

- Card flip/over
- Engraving security features: CLI, MLI, tactile, micro-text
- Offset alignment
- Truetype fonts: including Cyrillic, Chinese, Arabic, Japanese
- Allows fonts generation

Options

- Vision system
- MLI module
- Barcode reading
- Fume extraction system

DPS Smart C Plug-n-Play Modules

- Card input stacker (up to 500 cards)
- Module C – card handling
- Encoding
- Quality control / data integrity
- Card output stacker (up to 500 cards)

DPS Smart P Plug-n-Play Modules

- Module P – passport handling

DPS Smart CP Plug-n-Play Modules

- Interchangeable modules with module C and module P (card and passport handling)

Software

- SDK for Windows OS (Microsoft .NET)
- Interface with couplers (depends on coupler)
- Vision