



INSTANT 100

# CP200

**ID CARD LASER PERSO & HD  
PRINTING SYSTEM**

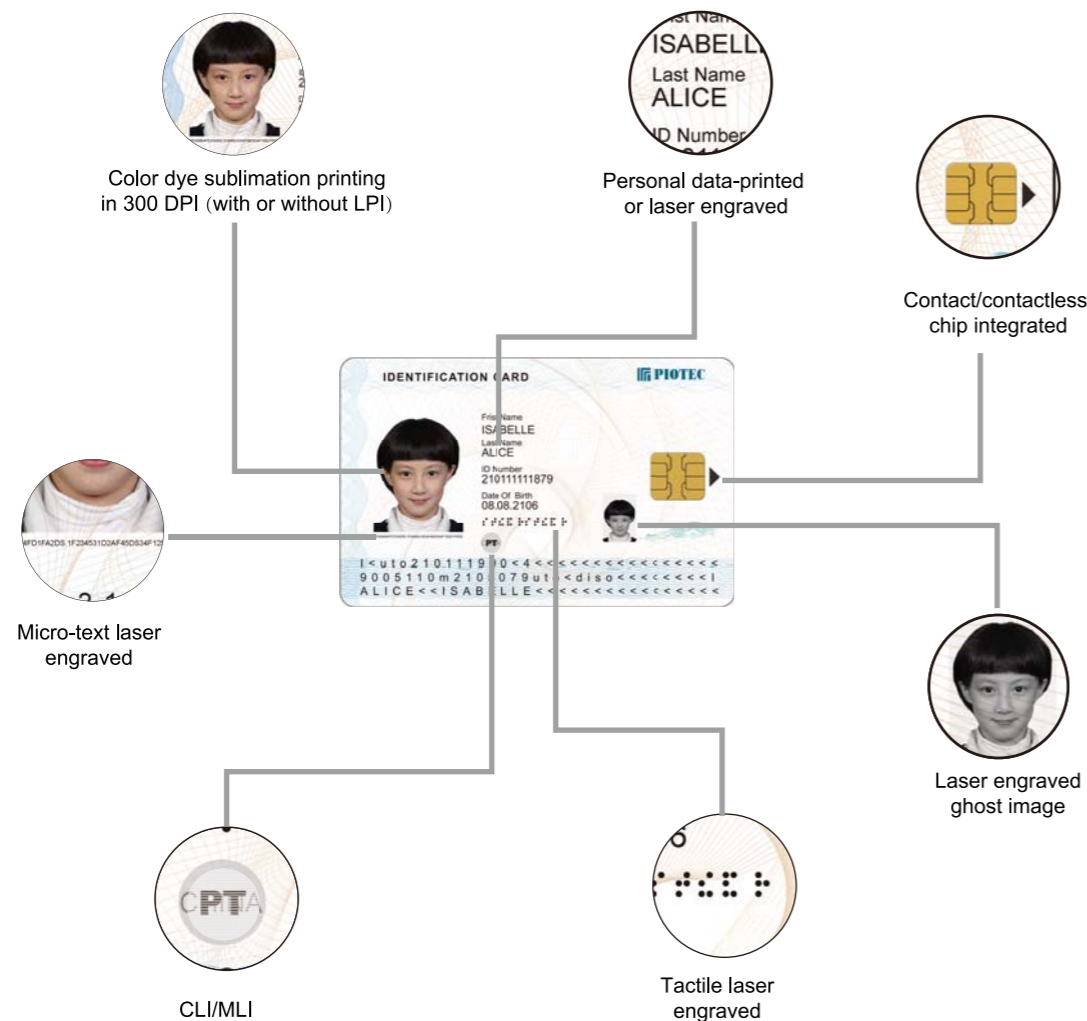
## A PERFECT PERSONALIZATION SYSTEM FOR ID CARD SECURITIES

### OVERVIEW

CP200 ID card laser perso & HD printing system is developed for high security use of smart cards, such as National IDs, Driver Licenses, Payment Cards and etc. The innovative system is able to realize retransfer printing, laser engraving and lamination. Different encoding options such as Magnetic Strip and Contact / Contactless can be integrated.

### FEATURE

- Equipped with 300 DPI print head to retransfer HD ID;
- Lockable housing for utmost security;
- Perform optional security features CLI/MLI in one step;
- Mechanical locks to secure access to suppliers and consumables;
- Ethernet LAN interface for distributed applications.



### CAPABILITIES

- CLI/MLI
- Contact/contactless card encoding
- Laser engraved ghost image
- Lamination with or without hologram
- Micro-text laser engraved
- Printed/laser engraved personal data
- Tactile laser engraved
- Color dye sublimation printing in 300 DPI (with or without LPI)

### APPLICATION SCOPE

- National ID cards
- Driver licenses
- Access control cards
- Payment cards
- Highly secure employee badges

### OPTIONAL MODULE

- Magnetic stripe encoding(HiCo or LoCo)
- Contact/contactless card encoding
- XY positioning camera

### CONFIGURATION

#### Input Hopper

- capacity: 300 cards (0.76mm)

#### Retransfer Printing Module

- Edge-to-edge printing
- Single or double-sided printing
- Color dye sublimation and monochrome thermal transfer
- 300 DPI print head

#### Laser Engraving Module

- 12 W air cooled DPSSL source
- Dual-sided laser engraving
- Laser marking resolution: 2400 DPI

#### Lamination Module

- Heat transfer
- Varnish or patch
- Double-sided lamination
- Flow: 2 mm/s to 18 mm/s
- Temperature: 100 °C to 180 °C

#### Output Hopper

- capacity: 300 cards (0.76mm)

#### Reject box

- capacity: 30 cards (0.76mm)

**ID300****ID CARD LASER PERSO & HD PRINTING SYSTEM****ID300**

<b>Power Supply</b>	AC220V,50Hz,1KW
<b>Weight</b>	90KG
<b>Noise</b>	<50dB
<b>Dimension</b>	959mmX612mmX490mm
<b>Operation Temperature</b>	15℃-30℃
<b>Operation Humidity</b>	20%-65%
<b>Communication Interface</b>	Rj45, Ethernet
<b>Laser Engraving Resolution</b>	2400dpi
<b>Laser Type</b>	Diode Pump Solid State Laser
<b>Card Type</b>	Polycarbonate (PC) cards, PET cards, PVC cards and ABS cards of ISO CR80 – ISO 7810 (53.98 mm x 85.60 mm)

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