

PASSPORT LASER



The CardPlus Passport Laser is part of our extensive range of desktop lasers designed for specific vertical markets. The Passport Laser can be deployed for centralised and decentralised passport issuance and Embassy issuance of passports.

This State of the art, budget sensitive and project orientated printer is designed to perform Instant Issuance and Centralised Issuance of Passports. Others secure credentials. Based on the latest generation of 10W and 3W DPSS laser, ergonomically and versatile design, this new desktop delivers the right choice for your card programs.

Benefit from:

- Compact size and low noise
- High quality DPSS laser engraving delivering 1200 DPI
- State of art optional 10W DPSS Laser
- Vector and raster graphics
- Manual feed Passport tray
- Low maintenance
- Weighs only 16KG
- Standard CLI
- Mini Computer
- USB & Ethernet LAN
- Complete software SDK tools for users and developers

DPSS Laser engraving makes documents difficult to alter or forge, as the polycarbonate substrate is permanently changed when personalised.

Government more focused on environmental and sustainable way of delivering your citizens their Identity document Improve Authentication for your card program Prevent Alteration Prevent Counterfeiting Secure access to this technology makes it difficult for counterfeiters to get hold off.



SECURITY

Safeguarding your project from counterfeiting and theft is our utmost priority. The hopper and DPSS laser benefit from a secure lock and key mechanism, allowing you to feel confidence in the security of your project.



VERSATILITY

Passport Laser modular design permits customers to upgrade as their card program grows.



IMAGE QUALITY

Benefit from high resolution up to 1200 DPI printing with our advanced DPSS laser, with micro text, guilloche, tactile and embossed effects available for ultimate customisation.



RELIABILITY

Be assured with 25+ years' experience within the Laser industry and working with lasers in many vertical such as Medical, Electronics and Government. Passport Laser is ready to bring state. You the art technology to your project.



INNOVATION

Innovating since the 2002, we're leaders in state of the art laser printing technology.



DURABILITY

Achieve an impressive 10 year Data Page life for your ID card programs using PC cards and 600dpi laser engraving.

PASSPORT LASER



AUTHENTICATION



ACCOUNTABILITY



AUTHORISATION

Standard Features

Resolution: up to 1200 DPI

3W or 10W DPSS Laser

Optional 20W Fibre Laser (Price on Application) POA

Laser working field: ICAO 9303-TD1

RFID reader

Auto-position camera

Electric Power consumption

200W upon the laser power

Compliant with CE rules

CLASS 1 Laser Product (EN 60825-1)

Personalisation Features

Standard text, micro-text, barcode, QR code, exotic signs

Bitmap image, high quality greyscale facial image

Security features like 2D barcode or "ghost" image, as well as tactile characters, can be realized easily

Optical Camera System that detects the position of the legend on the passport, in order to align the positioning of data and images

Data interface: USB 2.0 port

CLI support by card tilting

Modularity & performance

Low initial investment cost a low operational costs due to consumable-free operations

Optimal features allow modular update of the system – up to the customers demand for quality and/or security needs

Smart desktop office design

Plug & Produce system setup via USB

Software & Interface

USB 2.0

Ethernet option

Electrical

200W, 190-240 VAC 50HZ AC/DC external power supply, included as standard

Operating Conditions

Temperature: 18°C to 30°C

Humidity: up to 80% not condensing

Physical Specifications

Height 400mm

Width 200mm

Depth 380mm

Weight 14 kg

Options

MLI on application only

Auto-positioning camera SKDK

CQR ADK

External exhaust Filter

Card Specification

Multilayer Polycarbonate

Field of use

Passport datapage personalisation

Additional Information

Passport Laser is a Class 1 Laser Product

