



Swiftpro SwiftLaser™ SLD100

Desktop Laser Printer

The SwiftLaser™ SLD100 Desktop Laser Printer is part of Swiftpro's advanced lineup of laser solutions, purpose-built for secure ID card programs across a range of vertical markets. Designed for both decentralized and centralized issuance, it offers the flexibility to support a wide variety of deployment needs.

This state-of-the-art, cost-effective printer is engineered for instant and centralized issuance of highly secure credentials, including national IDs, driver's licenses, military IDs, police IDs, and other government-issued documents. Powered by the latest generation of laser technology, the SwiftLaser Pro combines precision engraving with an ergonomic, versatile design, making it an ideal choice for modern card programs.

Benefit from features such as compact size and low noise, state of the art laser made in Europe, vector and raster graphics, automatic 100 input card feeder and 100 output feeder, flipping mechanism, USB & Ethernet LAN, and more.

Swiftpro's standalone desktop laser engraving technology permanently alters the polycarbonate card surface during personalization, making documents extremely difficult to modify, forge, or counterfeit. This ensures a higher level of security and durability for every credential produced.

With increasing demand for secure, sustainable identity solutions, the SwiftLaser SLD100 supports government agencies in improving authentication, preventing fraud, and making it significantly harder for counterfeiters to replicate or tamper with official documents.



SECURITY

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



VERSATILITY

SwiftLaser's modular design allows customers to upgrade as their card program grows.



IMAGE QUALITY

Benefit from high resolution (up to 1200 DPI) engraving with our advanced desktop laser engraver, with micro text, guilloche, tactile and embossed effects available for ultimate customization.



RELIABILITY

With 25+ years' experience within the laser industry and working with many verticals such as medical, electronics and government, the SwiftLaser SLD100 is ready to bring state of the art technology to your project.



INNOVATION

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



DURABILITY

Achieve an impressive 10-year card life for your ID card programs using high quality polycarbonate card stock and laser engraving up to 1200 DPI.

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Scan the QR code for the most recent specifications.



AUTHENTICATION



ACCOUNTABILITY



AUTHORIZATION

Standard Features

Available laser configurations: 3W DPSS, 10W DPSS, and 20W MOPA fiber

Standard CLI (Changeable Laser Image) security engraving

Laser working field: ICAO 9303-TD1

Up to 1200 DPI resolution

Up to 120 cards per hour single-sided

Up To 60 cards per hour dual-sided

High resolution 256 greyscale picture engraving

XY offset registration - via optional software

12 month warranty

Option 1 - 100 Input and 100 Output Hopper

Option 2 - 100 Input Hopper and 20 Output Hopper

Built in Computer with SCAPS SAMLight, Windows 11 Pro

SDK & web-based software tools

Color graphics display for status & monitoring

Active carbon filter

Card rejection function

Flip mechanism

RFID reader

Ethernet LAN output

USB 2.0 port

Laser Marking Variety

Sub-surface

Tactile

Microtext

Grayscale image

CLI

MLI (optional)

Electrical

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

Operating Conditions

Temperature: 18°C to 30°C

Humidity: 10% to 85% (non-condensing)

Physical Specification

Height 454mm

Width 200mm

Depth 360mm

Weight 18kg

Options

Optional contact and contactless encoding & Magnetic encoder

Magnetic tracks ISO track 1,2,3

Professional services on request

Extended warranty

MLI (Multiple Laser Image) security engraving

Auto-positioning camera SDK

External exhaust filter

Installation and training

Card Specification

Card thickness 30mil (10% tolerance)

Card size ISO 7810 format, CR80, ID-1

Card material: PC, laser-ready PVC and metal cards (upon qualification)

Technology cards contact and/or contactless with and without magnetic stripe

Additional Information

SwiftLaser SLD100 is a Class 1 laser product

No cost for consumables, except for cards

Laser is not intended to operate as an add-on to Swiftpro printers

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