

SLE SERIES

DECENTRALIZED SMART LASER ENGRAVER FOR ePASSPORT



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SPECIFICATIONS

Display

LCD Size	8.4" TFT Touch Screen
Max. Resolution	800 x 600 pixels
View Angle	Vertical - 120°/ Horizontal - 140°

Laser Type (Air Cooled Diode Pumped Nd-YAG)

10W Pulse Fibre

Laser Personalization

MLI/ CLI Programmable MLI & CLI

Card Slot

SAM Slots 1

RFID Feature

1 x Integrated RFID Module - ISO/IEC 14443 Type A/B

Electrical Requirement

Power Consumption 300VA

System Features

CPU	Intel® Core 2 Duo 1.86 GHz Processor with FSB
RAM	4 GB DDR3
Flash ROM	60 GB 2.5" SSD
Operating System	Windows Embedded

Laser Speed (Dependent on data and image density)

Passport (Per Hour) 60 booklets

Laser Marking Alignment

Camera System 300 dpi camera with 1/3" CMOS Image Sensor

Communication Interfaces







10/ 100 Mbit Ethernet, USB 2.0

Operating Environment

Temperature	10°C to 35°C
Humidity	20% to 80% RH, Non-condensing



KEY FEATURES

-  ICAO Document 9303 and ISO/IEC CR80 card size compliant
-  Personalization of contactless cards and passports
-  Create laser engrave tactile effects
-  Programmable MLI & CLI module
-  Hardware locking system with password protection for unauthorized use
-  Compliance to FCC Part 15, FDA, EN-ISO 1210-1/-2, EN-ISO 13850, EN-IEC 60825-1, EN-IEC 60204-1, EN-61000-6-2/4, RoHS, IEC 6204 and VCCI Class B

PASSPORT FEATURES

Multiple/ Changeable
Laser Image (MLI/ CLI) Engraving images or data with unique viewing angle enhances top quality passport security.

Tactile Surface Relief
Embossed lettering provides evidence of authenticity with a touch of finger.

Sub-surface Image
Engraving ghost image below the top surface, delivers maximum durability.



Input/ Output Capacity

Passport

1 booklet	15 booklets
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Physical Characteristic

Dimension (L x W x H)
Weight

510 x 680 x 622mm	1090 x 680 x 622mm
80kg	110kg

Accessories

Detachable Hopper and Stacker

-	Yes
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