



## **EDIsecure®** PassPrinter PP 280X

**SMALL TABLETOP PRINTER FOR THE QUICK, HIGH-QUALITY PERSONALIZATION OF PASSPORTS**

- Fully ICAO 9303 compliant personalization of the data page
- Small size for office use, therefore ideal for use in Embassies and Consulates
- Cost-efficient ink-jet printing of highly secure travel documents
- Excellent print quality with pigmented inks for longer lasting print stability
- Two separate ink cartridges: 19 ml black, 17 ml for color
- Convenient front loading mechanism for passport booklets
- Upgradable to ePassport and built-in scanning system
- Wide choice of unique, counterfeit-resistant laminates to protect the datapage against tampering

The EDIsecure® PP 280X PassPrinter is a small, on demand tabletop color PassPrinter, for the quick, high-quality printing of machine readable travel documents, especially in small & medium size applications, embassies and consulates. This printer produces exceptional full-color documents with brilliant contours and clearly defined shades by printing at an amazing resolution of up to 4,800 x 1,200 dpi.

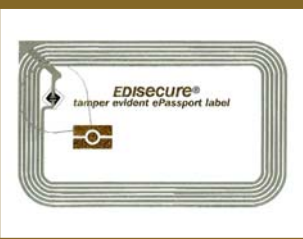
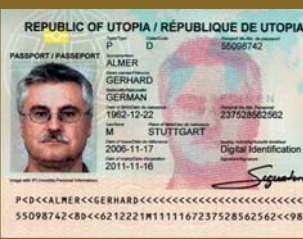
The EDIsecure® PP 280X utilizes two separate ink cartridges for black and color ink. Pigmented inks for longer lasting print quality are used. Due to the advanced "smart" printing technology used in the PP 280X, special inkjet paper or other such coatings are no longer required. As a result, almost all existing passport booklets and other official documents can be personalized with excellent print quality.

The PP 280X integrates all necessary features for high quality personalization. The ePassport printer version comes with an integrated RFID module which allows the operator to print the passport and to write the holders' information into the chip in one step. The printer handles the complete range of ICAO compliant ePassports. It can read and write chips up to 72 KByte at a speed of up to 848 KBit/s and supports ISO/IEC 14443 Type A and B, ISO/IEC 15693 and other standards. The optional camera system enables precise alignment of pre-printed and inkjet-printed data to be within a 0.1 mm tolerance. As a result, passport booklets and other official documents can be personalized with impressive results.

The PL 60 PassLaminator is a stand-alone closed-booklet passport laminator to increase security and durability of passports by applying holographic overlaminates with custom design. These overlaminates include UV filters which extend the lifetime of the passport.



**THERE IS ONE FOR EVERYBODY**



### FEATURES PP 280X:

- Small, on demand desktop color PassPrinter
- Passport booklet thickness of up to 6 mm (approx. 64 pages)
- Direct printing into and on the passport booklets
- Prints on a wide variety of paper based materials
- Flexible Connectivity: USB 2.0
- User-friendly operating panel
- Optional camera system for layout alignment
- Optional barcode- and OCR reader modules available
- Optional integrated contactless chip reader/writer for ePassports
- ePassport module supports chips up to 72 KByte of ISO/IEC 14443 Type A and B

### FEATURES PL 60:

- High lamination speed and accuracy
- Digital control of lamination speed and temperature
- User-friendly operating panel with LCD display
- Infrared hot-roller heater system
- Power saving due to lower operating temperature and automatic control of speed and temperature

### CONFIGURE YOUR IDENTITY MANAGEMENT SYSTEM, ASK FOR:

- EDISecure® Image Capture Modules
- EDISecure® Image Enhancement Software
- EDISecure® Signature Pad
- EDISecure® Biometric Enrollment Devices
- EDISecure® Card Management Software Suite
- IDExpert® ToolACT Software Developer's Kit

For large-scale ID card and passport applications, our software team is able to develop a custom workflow management software using the powerful IDExpert® ProACT. With its state-of-the-art and web-based system platform, users may perform various functions to manage, administer, personalize and encode cards, depending on the rights assigned to them. The system provides configurable interfaces that can be used to connect to multiple data sources or to integrate black list checks and biometric verification.

### SPECIFICATIONS OF PP 280X

Media Size	Passport booklet of up to 6 mm (approx. 64 pages)
Resolution	Color 4,800 x 1,200 dpi max.
Print head	416 nozzles for black, 300 nozzles for color
Printing time per datapage	20 - 30 seconds (normal print quality) 30 - 45 seconds (best print quality)
Operating System Support	MS Windows® 2000, XP and Vista
Dimensions (WxDxH) Weight	495 x 450 x 175 mm approx. 10 kg
Power supply	100 to 240 V, 50-60 Hz / CE
Power consumption	Printing: 68 W or less Standby: 28 W or less

### SPECIFICATIONS OF PL 60

Lamination Method	Thermal transfer
Lamination Speed	0 to 770 mm / min
Lamination Thickness	3.5 mm
Max. Lamination Width	175 mm
Temperature Settings	0 - 160 °C
Dimensions (WxDxH) Weight	460 x 270 x 110 mm 10 kg
Power supply	230 V, 50 Hz
Power consumption	500 W

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