



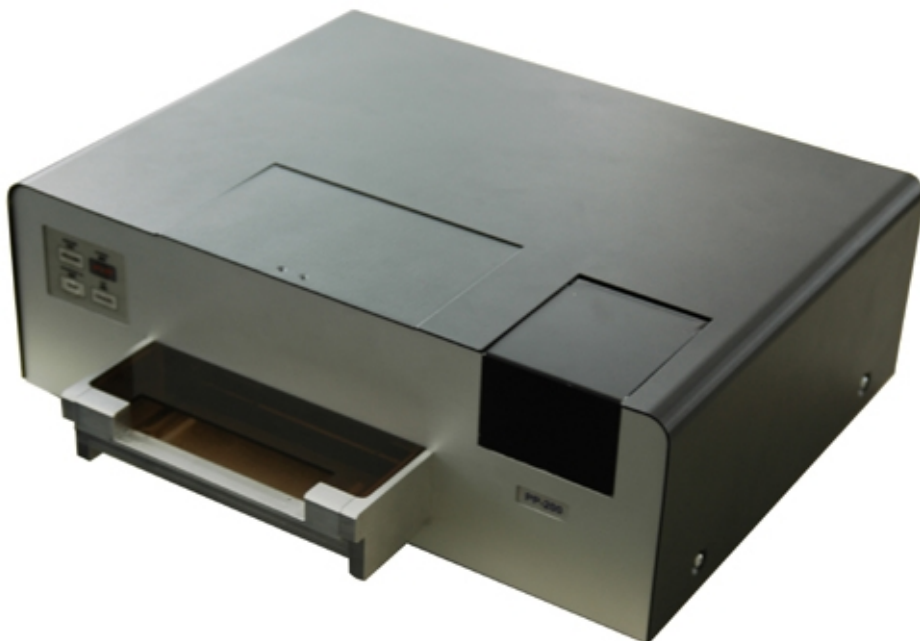
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Security Printing Consulting AG

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PP200

Passport / Visa in-book Printer





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Passport Printer PP200

The PP200 Passport printer is a security Inkjet printer for Passport issuing: Passports of any content up to 100 pages can be processed. The high resolution printer has an integrated RFID module for reading and writing of RFID chips according ICAO recommendations.

The Passport can be printed in 4 visible and 2 invisible colours. The UV printing is world unique individually printable as separate design over the image or over the Passport printing is taking less then 20 seconds.

The Printer has USB2 or Ethernet connection and is normally connected to the CDR-2 eDocument reader. In combination with the Document reader basic data can be automatically copied from a previous Passport or ID document.

A unique UV and blue light LED bar is integrated for instant verification of the UV printing.

Technical data [model Si 1000]

Dimensions and Weight		
	L x W x H	450 x 430 x 150 mm
	Gross weight	9,45 kg

Electric Specification		
Power Requirements	Input Voltage	100 – 240 VAC (± 10%)
	Input Frequency	50 - 60Hz (± 3Hz)
	Power Consumption	32 W (per ISO 10561 Letter Pattern), approx. 4 W in Standby mode

Regulations	
Energy	CE Marking, ENERGY STAR Compliant
Document type	ICAO Doc 9303 – part 1,2 and 3 (Passport, Visas and official traveling document)

Environmental Conditions		
Temperatures	Operating	15° to 35° C (59° to 95° F)
	Storage	-20° to 70° C (-4° to 158° F)
Relative humidity	Operating	20% to 80% relative humidity (non-condensing)
	Storage	5% to 85% relative humidity (non-condensing)
Noice Level (ISO 9296)	Best mode LwAd	5.3 B(A)
	Sound pressure LpAm	39.6 db(A)



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Interfaces	
USB	Universal Serial Bus Specifications Revision 2.0
LAN	Ethernet 10/100/1000BASE-T

Printer Language	
Printer Language	HP PCL Level 3 Enhanced

Supported Operating Systems	
OS: MS Windows 2000 & 2003, MS Windows XP, MS Windows 7, Mac OS X, Linux, Unix	

Printing Speed		
Highest quality	4800 x 1200 dpi	< 60 sec per passport data page
High quality	1200 x 1200 dpi	< 24 sec per passport data page
Normal quality	600 x 600 dpi	< 10 sec per passport data page

Printing Range	
2 Pages: Data page & opposite side	

Electronics	
CPU	MIPS 5KF 64-bit, 300MHz
RAM	32 MB
FlashROM	16 MB

Ink Cartridges (4)		
Cartridges 1, 2, 3 [28 ml]	Visible Inks	C, M, Y
Cartridge 4 [69 ml]	Visible Ink	K (Carbon black IR absorbent)
	Ink Life Span	1 year from production data
Printer heads	2	1x Printhead for Cyan / Magenta 1x Printheadhead for Black / Yellow

Options	
RFID module, ICAO compliant in order to identify the passport and to do an electrical personalization of the contactless chip	
Camera for a high precision positioning of the passport and OCR reading	



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Technical data [model Si 800]

Dimensions and Weight		
	L x W x H	450 x 430 x 150 mm
	Gross weight	7,45 kg

Electric Specification		
Power Requirements	Input Voltage	100 – 240 VAC (± 10%)
	Input Frequency	50 - 60Hz (± 3Hz)
	Power Consumption	35 W (per ISO 10561 Letter Pattern), approx. 4 W in Standby mode

Regulations	
Energy	CE Marking, ENERGY STAR Compliant
Document type	ICAO Doc 9303 – part 1,2 and 3 (Passport, Visas and official traveling document)

Environmental Conditions		
Temperatures	Operating	15° to 35° C (59° to 95° F)
	Storage	-20° to 70° C (-4° to 158° F)
Relative humidity	Operating	20% to 80% relative humidity (non-condensing)
	Storage	5% to 85% relative humidity (non-condensing)
Noise Level (ISO 9296)	Best mode LwAd	5.3 B(A)
	Sound pressure LpAm	39.6 db(A)

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Printing Range

2 Pages: Data page & opposite side

Electronics

CPU	CF2 ColdFire V2, 96 Mhz
RAM	8 MB
FlashROM	4 MB

Ink Cartridges (2)

Cartridge 1 [17 ml]	Visible Inks	C, M, Y
Cartridge 2 [17 ml]	K plus invisible inks	<ul style="list-style-type: none">● K (Carbon black IR absorbent)● UV e.g. Y or Magenta● UV e.g. Green, Red or Yellow
Alternative	K only [19 ml]	<ul style="list-style-type: none">● K (Carbon black IR absorbent)
	Ink Life Span	1 year from production data
Printer heads	Built-in in cartridges	

Options

RFID module, ICAO compliant in order to identify the passport and to do an electrical personalization of the contactless chip

Camera for a high precision positioning of the passport and OCR reading