



POLAROID P 2000 PASSPORT PRINTER NEW GENERATION



The New Polaroid P 2000 is a four-color high secure, high speed inkjet printer for machine readable passport booklets based on the proven technology by Hewlett Packard.

- ✓ High Speed
- ✓ Enhanced System Security & Quality
- ✓ Each single page can get its individual print face.
- ✓ Due to its smart clamping mechanism, passport booklets with up to 180 page per hour can be processed
- ✓ Designed for centralized and decentralized high volume operations

SECURITY FEATURES

- ✓ HIGH SPEED USB 2.0 CONNECTION TO PC
- ✓ DATA CAN BE AUTOMATICALLY COPIED FROM A FORMER PASSPORT ID DOCUMENT (IF A DOCUMENT READER IS ATTACHED)
- ✓ PROHIBITING UNAUTHORIZED USAGE OF PRINTER , BY PRINTER DRIVER IN COMBINATION WITH THE APPLICATION SOFTWARE.
- ✓ RFID READER AND WRITE DATA TO A RFID CHIP ACCORDING ICAO RECOMMENDATION
- ✓ CAMERA SYSTEM PROVIDES VISUAL REGISTRATION OF THE ACCORDING TO ICAO SPECIFICATION AGAINST THE PAPER EDGE, WITH THE CAMERA VISUAL DATA, LIKE PASSPORT NUMBER , IMAGE ETC. CAN BE RETRIEVED FROM DOCUMENT.
- ✓ FINGER PRINT READER DATA TO A READ FINGER PRINT





POLAROID P 2000 PASSPORT PRINTER

NEW GENERATION DETAIL SPECIFICATION

Module Specifications

Printer Functionality	Prints full color, tonal or black and white photos, images and text directly on paper pages within a manually fed open booklet
Rated Speed	Up to 80 passports per hour, exclusive of RFID and camera functionality (actual throughput dependent on data, image and other factors)
Printing Technology	4 color thermal inkjet
Print Resolution	Up to 1,200 dpi
Text Formats	TrueType fonts for Microsoft® Windows® operating systems including OCR-B for MRZ
Image Formats	Certain versions or features of the following image formats may be supported: BMP, GIF, JPEG, PNG and TIFF
Operator Supply Notifications	<ul style="list-style-type: none">• Ink cartridge supply out• Ink cartridge supply low• No ink cartridges installed, or cartridges defective
Passport Booklets Supported	Supports ID-3 ICAO 9303-compliant paper booklets, up to 96 pages Alternative sizes may be available upon request
Printer Dimensions	8.7 in. H x 19.7 in. W x 18.9 in. D (22.0 cm x 50.0 cm x 48.0 cm)
Printer Weight	48.5 lbs (22.0 kg)
Options	<ul style="list-style-type: none">• Passport chip reader/writer• On-board camera supports print alignment and OCR software applications• Note: software applications for programming the passport chip, driving the camera for print alignment or optical character read are not included with the printer, and must be developed, either by the end-user, the integrator
Power Consumption	9W maximum when turned off; 54W average when idle; 200W average when printing
Input Voltage	100V to 240 VAC, 50 to 60 Hz
Operating Environment	Temperature: 59 to 95°F (15 - 35°C), Humidity: 20 - 60% RH (non-condensing)
Recommended Storage Environment	Temperature: 32 to 77°F (0 - 25°C), Humidity: 40 - 60% RH (non-condensing) Keep away from heat source and direct sunlight
Noise Level	(ISO 9296) 5.3 B(A) Best Mode LwAd; 39.6 db (A) Sound Pressure LpAm
Power Cables	Supplied with printer. Available options include: Europe, U.K. Denmark, India, Italy, Swiss, China, Australia, Israel, Japan, USA

Integration with Passport Issuing Site Operational Data Flow

Controller PC	Not included
Supported Client Operating System	Microsoft® Windows® XP, Microsoft® Windows® 2000, Microsoft® Windows® 7, 32 bit
Printer Drivers Available	Microsoft® Windows® XP, Microsoft® Windows® 2000, Microsoft® Windows® 7, 32 bit
Printer Hardware Interface	USB 2.0
Printer Language	HP PCL Level 3 Enhanced
User Interface and Software	Software SDK is available for customizing printer tray functionality and integrating front-end GUI (user developed);

Passport Printer Supplies

	Description	Approx. yield per passbook page*
	Black pigment ink cartridge – 66ml	7,500
	Cyan dye ink cartridge – 28ml	7,500
	Magenta dye ink cartridge – 28ml	7,500
	Yellow dye ink cartridge – 28ml	7,500

Replacement Printheads

	Description	Approx. yield per passbook page*
	Dual black and yellow printhead cartridge	55,000
	Dual cyan and magenta printhead cartridge	55,000