

DESKTOP INBOOK
PASSPORT
PRINTER

MATICA
TECHNOLOGIES



P202i





P202i

DESKTOP INBOOK PASSPORT PRINTER
DESKTOP PRINT ENGINE FOR CENTRALIZED AND
DECENTRALIZED HIGH VOLUME OPERATIONS

The New Matica P202i is a four-color high secure, high speed inkjet printer for machine readable passport booklets based on the proven technology by Hewlett Packard.

- Designed for centralized and decentralized high volume operations
- Enhanced security on personalization and passport issuing with low costs of ownership
- High Speed
- Due to its smart clamping mechanism, passport booklets with up to 180 pages per hour can be processed.
- Each single page can get its individual print face, visa-, observation page et cetera.
- The P202i prints two pages (example: page 2 & 3) at once.
- Versatile including many standard features the P202i fits perfect into passport office environments.
- Enhanced System Security and Quality

Matica not only provides plain printing technology to its customers but sets world class standards when it comes to printing quality versus speed and security features in order to guarantee an ideal solution for customer tailored personalization environment.

NEW FEATURES

- For higher durability of the color print, pigmented Cyan, Yellow & Magenta inks are available.

SECURITY FEATURES

- High speed USB 2.0 connection to a PC
- Prohibiting unauthorized usage of the printer, by printer drivers in combination with the application software
- Data can be automatically copied from a former passport or ID document (if a document reader is attached)
- Printing will be only enabled after successful verification of traveler's former document or legally issued application form

OPTIONAL FEATURES

- RFID Reader and Writer - The P202i Passport Printer comes with an optional RFID Reader/Writer to read and write data to a RFID chip according ICAO recommendations.
- Camera System - The optional Camera System provides visual registration of the printed data into a pre-printed legend and enables the printer to position the MRZ according to ICAO specifications against the paper edge. With the camera visual data, like passport numbers, images etc. can be retrieved from the document.

TECHNICAL SPECIFICATIONS

Printing technology

4 Color thermal ink jet

Ink jet printhead

two PH are resident on the printer, ink is fed by tanks
PH 1: yellow/black or Yellow/UV; PH2: Cyan/Magenta

Available inks

66 ml for black; 28 ml for each CMY colors

Data page printing time

9 seconds using Plain paper and Normal printing mode

Printed ICAO pages per ink KIT

8000

Printing resolution

black up to 1200 dpi; color up to 4800 dpi

Operator notification

error notification (printer status and near end or end of ink)

2 pages printing

Allowed included over the spine

Machine Readable Passbook

up to 180 pages per hour

Passport handling

fully clamped (four sides) during printing adjustable side plates
and length of the tray to manage near standard booklets

Supported OS

WIN 2000, XP, 7 (32- 64 bit), Server 2003

Connectivity

USB 2.0 recommended cable length 1,8m
API RJ45 allowing Ethernet connection

Flash RAM-CPU

32 MB CPU 192 MHz

Printer language

HP PCL level 3 enhanced

RFID reader and writer

available as option

camera system (MRZ)

available as option

Dimension WxDxH - Weight

515 X 475 X 225 - 22 Kg

Power Consumption (W)

32W (per ISO 10561 Letter Pattern), approx. 4W in stand-by mode

Power (Input Voltage)

100 – 240 VAC (10% tolerance), 4A. 50-60Hz

Regulation

CE and UL

Operating Environment

15°C to 35 °C (59°F to 95 °F) 20% to 80% Rh

Storage conditions

-20°C to 70 °C (-4°F to 158 °F) 5% to 85% Rh