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
  PH1: 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

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