



e-Passport Datapage



LAMINATED DATAPAGES FOR ALL E-PASSPORT SYSTEMS

- **Secure** – hinge material specially formulated to prevent separation from the polycarbonate body
- **Durable** – document resiliency up to 10 years with patented Crack Prevention Feature
- **Flexible** – easily integrated into all e-passport systems
- **Convenient** – single solutions provider meets full range of custom secure ID needs
- **Customer-centric** – market-leading design service creates artwork to reflect customer’s needs

HID Global e-Passport Datapages provide sophisticated solutions for issuing electronic passports that conform to the latest ICAO (International Civil Aviation Organization) standards.

HID standard polycarbonate (PC) Datapages incorporate a variety of effective security features, providing the highest available level of protection against counterfeiting.

Built with the HID Contactless Datapage insert, the standard PC Datapage can be easily integrated into all passports.

The HID crack prevention feature platform, already applied for RFID polycarbonate smart card, is used in the HID Datapage construction in order to optimize the reliability and durability of the e-Passport datapage.

In addition, the polycarbonate surface of the Datapage can be securely personalized – from professional printing to chip encoding, depending on your specific requirements.

An ideal e-passport solution, Datapages are easily customized with unique antenna designs and can be provided in any format for easy integration into passports via standard machines and processes.

HID Global e-Passport Datapages can be supplied in two thicknesses:

- HID Standard Datapage (800um thick)
- HID Thin Datapage (600um thick)

Both version are available with or without RFID functionality and are laser engravable on both sides.

TECHNOLOGY HIGHLIGHTS:

- Format: 2-up datapage – matching all passport manufacturing equipment. Other formats are available upon customer request.
- Chip Type: Available with a choice of contactless e-passport ICs from leading chip suppliers based on customer requirements
- Certifications: ICAO conforming OS according to customer preference/ISO 9001:2008 certifications for the manufacturing sites

- Microline/microtext
- Optical variable ink
- Embedded hologram
- MLI/CLI
- Surface relief positive and negative
- Sequential serial numbering
- Clear Window
- Embossed Hinge Pattern
- Secure Edge (UV on datapage edge)
- Other security features are available at customer’s request
- UV Full Color Picture (available in laser engravable version)

SECURITY FEATURES AVAILABLE:

- Offset/rainbow printing
- Guilloche
- UV/IR printing

SPECIFICATIONS



| | Passport Datapage | |
|--------------------------------|--|---|
| Product Name | Standard Datapage | Thin Datapage |
| Thickness | Around 800 µm (depends on security features) | Around 600 µm (depends on security features) |
| Material | Polycarbonate and ceFLEX material (HID Crack prevention feature) | |
| Description | Polycarbonate Datapage that meets or exceed market standard requirements | |
| Format | 2-up datapage - matching all passports manufacturing equipment. Other formats are available upon customer request | |
| Dimension | 278 mm x 115 mm (other sizes available upon request) | |
| Contactless chip option | Available | |
| Operating Frequency | 13.56 MHz | |
| Chip Type | Available with a choice of contactless e-passport ICs from leading chip suppliers based on customer requirements | |
| Operating System | ICAO conforming OS according to customer preference | |
| Antenna | Standard ID1 (ISO standard 7816), other antenna designs developed upon request | |
| Storage Condition | Recommended temperature: +10°C to +30°C Recommended humidity: 40% - 60% rel. Humidity (in original HID package) | |
| Compliance | According to ICAO 9303 | |



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