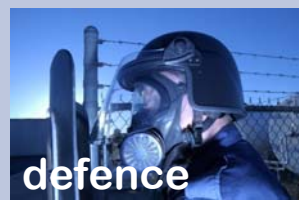




**WESTMINSTER**  
INTERNATIONAL LTD

Excellence through Service  
**Protecting your world**



## Passport Identifier

Westminster's Passport Identifier addresses today's stringent security requirements through modern biometric technology. The compact full-page reader is the newest and smallest member of this award winning product family.

Optimized for use in both large and small environments, the cost-effective scanner enables high-speed data capture from RFID memory chips, such as those used in e-passports, visas and ID cards. The system uses a USB interface to transmit the captured data for review and validation prior to granting entry to a protected area.

The full-page scanning capability makes it ideally suited for high-volume processing scenarios, such as airports and seaports. The optical data of an entire document (up to 5.9" x 7.4") is automatically scanned within a few seconds. To ensure optimal system reliability, optional features include high-performance LED UV illumination and Passport Identifier runtime software.



### Applications

- ▶ Border Control;
- ▶ Airports;
- ▶ Rental Car Companies;
- ▶ Banks;
- ▶ Hotels;
- ▶ Mobile Communications.

### Features

- ▶ Full page, single step reader: captures images of the entire data page of an ID document;
- ▶ Extra-large ID-3 format optical scanning area allows inspection of documents without removing protective covers;
- ▶ Optical and RFID inspection without moving the document;
- ▶ High resolution 475 ppi reader handles PDF417 documents;
- ▶ Glare reduction improves readability;
- ▶ Best ergonomics: horizontal flat scanning position similar to common flat bed scanners;
- ▶ Level document support prevents document bending;
- ▶ Integrated reader: Three status LEDs, volume adjustable buzzer;
- ▶ Contact SmartCard reader for maximum application comfort;
- ▶ Standards compliance: Authenticator readers have successfully read all presented passports at the ICAO Interoperability Tests in Japan (2005), Singapore (2005), and Germany (2006);
- ▶ Easy integration: ideal for desktop, portable, and kiosk use.

WI Code: 11010

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# Passport Identifier

## Benefits

- ▶ Compact scanning device with an extra-large ID-3 optical area;
- ▶ Flat, crosswise, level document support;
- ▶ Integrated RFID reader for e-passports, visas and ID cards;
- ▶ Includes common illuminations (White light, IR, UV (optional), coaxial (limited availability));
- ▶ ISO and ICAO standards-compliant, supports Basic Access Control, Active and Passive Authentication, and Extended Access Control;
- ▶ Durable, lightweight and inexpensive document reading system;
- ▶ High MTBF due to modern LED technology and no moving parts.

## Specifications

**Document support field size:** 5.9" x 7.4" (151 mm x 189 mm), document thickness is unlimited;

**Optical scan format:** active size 5.3"x 3.9" (135 mm x 100 mm);

**Image format:** 2528 x 1888 pixels Scale factor 475 ppi;

**Sensor:** 5 MPixel, CMOS, RGB 24bit colour system;

**Illumination:** white, IR, UV (optional), coaxial (not available in all markets);

- ▶ Images: white and UV 24 bit RGB colour, IR 8 bit grayscale, scanning time approx. two seconds for all images combined;
- ▶ PC Interface: USB 2.0 high speed;
- ▶ RFID chip access: according to ISO 14443 Type-A and Type-B plus applicable ICAO recommendations in ICAO Doc 9303 including supplement, LDS 1.7, PKI 1.1;
- ▶ RFID speed: all standardized rates, up to 848 Kbps, read-out times depend on RFID tag, operating system, and amount of data stored in the chip.

**Essentials software:** base level software (standard)

- ▶ Camera, illumination, LED, buzzer, and RFID reader (on APDU level) accessible via SDK.

**Passport Identifier software:** middleware software (optional)

- ▶ High-level document access (optical and RFID) including workflow support, cryptographic protocols, and OCR;
- ▶ Scan software: contains cryptographic library which is also part of the reference implementation Golden Reader Tool (GRT)
- ▶ Ability to perform or implement all ICAO approved protocols including passive Authentication, Active Authentication, Basic Access Control (BAC), and Extended Access Control (EAC);
- ▶ Definitions for customer-specific documents (optional);
- ▶ Developer support packages available

## Dimensions

- ▶ Reader size (W x D x H): 10.36" x 8.35" x 5.89" (263 mm x 212 mm x 150 mm);
- ▶ Reader weight: 5 lbs (2.3 kg), excluding cables and power pack;
- ▶ Power supply: desktop power pack 9 V DC / < 30W, wide-range, input AC 100-240 V, 50/60 Hz.

## Environmental Conditions

- ▶ Indoor use: 50-113° F (10-45°C), at 10-90% relative humidity, non condensing, no direct sunlight exposure to the scanner platen.

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