



suprema RealPass-V



RealPass-V is a multi-functional e-passport reader for full-page, one-step reading of visual data page and RF chip data of ICAO standard documents and cards. For high-level security in immigration clearance, RealPass-V processes a variety of data such as OCR, photos, characters, and even RFID of e-passports. High speed processing is ensured by automatic document detection, one-step reading, and USB 2.0 interface. With comprehensive quality checking software, RealPass-V can be used for e-passport issuing.

SUPrema RealPass-V

Full-page Multi-functional e-Passport Reader



Benefits

- * Full page, one step reading of visual data page and RFID data of ICAO standard travel documents and cards
- * Easy and fast operation by lay-on type scanning of e-passports
- * Fast recognition speed and low error rate of passport OCR characters and RFID data
- * Support for multi-functions: full page scan, certain image extraction, OCR, character recognition, IR or UV illumination, and RFID reading
- * No moving parts, robust, minimal maintenance cost
- * Compact design, easy to mount in a kiosk

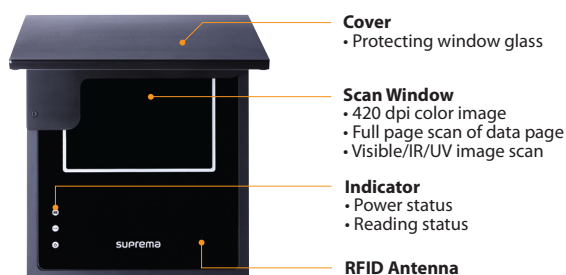
Features

- * Reads MRZ (machine readable zone: 1, 2, or 3 lines) of ICAO Document 9303 compliant travel documents and cards
- * Captures 420 dpi, 24 bit true color image of MRZ
- * Extracts and saves photos or certain image area from visual data page
- * IR and UV (option) illumination for checking hidden graphical patterns on the data page
- * Reads ISO 14443 Type A/B contactless chip of ICAO standard e-passports
- * Supports security protocols of e-passports: BAC (Basic access control), PA (Passive authentication), AA (Active authentication), and EAC (Extended access control, option)
- * Retractable cover for cleaning a scan window
- * Multi-color LED and beep sound for intuitive user interface
- * High speed USB 2.0 interface
- * Auxiliary USB 2.0 interface for a fingerprint scanner or other peripheral device
- * Provides SDK for easy integration into any systems
- * Reads 1D or 2D barcode (option)

Specifications

Dimension	Body : 210 x 246 x 129.5mm / 8.27 x 9.69 x 5.10" (W x D x H), Cover height : 10mm / 0.40" (H)
Window Size	135 x 90 mm / 5.31 x 3.54" (W x L)
Weight	3.7kg (8.15lbs)
Image Resolution	420 dpi
Illuminations	Visible, IR, UV (option)
RF Reader	ISO 14443 A/B chip up to 848kbps speed, PCSC Support
Indicator	Multi-color LED
Operating Temperature	0°C~40°C
Power Supply	12V 3A DC Adaptor
Interface	USB 2.0
Operating Systems	Windows 8, 7, Vista, Windows 2000, 2003, XP
SDK	Full SDK including DLLs with a demo program in different languages

Device Configuration



Kimaldi Electronics, S.L.

Ctra. Rubí 292 B Pol. Ind. Can Guítard
08228 - Terrassa (Barcelona) Spain
Tel. +34937361510 - Fax. +34937361511
kimaldi@kimaldi.com

Kimaldi Lusa Ltd.

En 247, KM 64,5, Park Charal, Armazém 4
Carne Assada, 2705-837 (Terrugem) Portugal
Tel. +351217156303 - Fax. +351217156295
portugal@kimaldi.com

Kimaldi
www.kimaldi.com