



Compact One-step e-Passport Reader

SUPrema RealPass-S



RealPass-S is a compact e-passport reader for one-step reading of OCR characters and RF chip data of ICAO standard travel documents and cards. Unlike swipe-type passport readers, its lay-on document scanning decreases error rate of OCR characters while increasing recognition speed and ensuring one-step reading of e-passports. Compact design makes RealPass-S suitable for narrow space. RealPass-S is the ideal solution for processing machine readable documents and cards in many applications including airline check-in counter, immigration clearance, CUSS and kiosks.



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Benefits

- * Easy and fast operation by lay-on type scanning of passports
- * One-step reading of MRZ and RF chip data of ICAO standard e-passports
- * Fast recognition speed and low error rate of passport OCR characters
- * No moving parts, robust, minimal maintenance cost
- * Small form factor for small areas
- * Ready to integrate into ARINC's iMUSE system (ARINC certified)

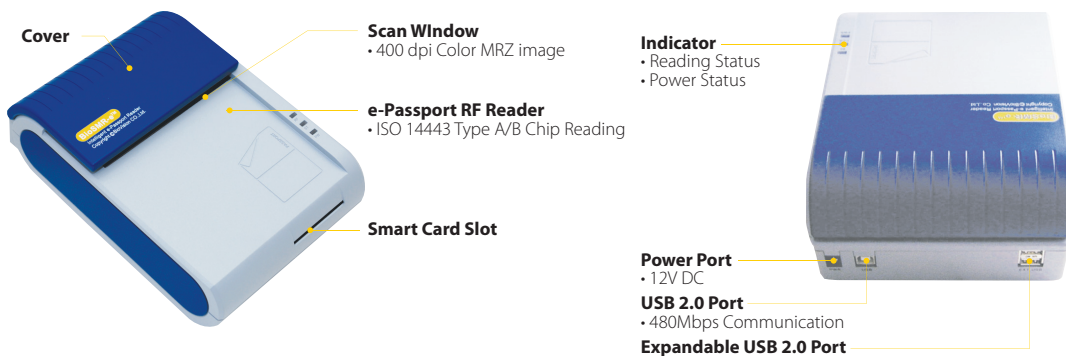
Features

- * Reads MRZ (machine readable zone: 1, 2, or 3 lines) of ICAO Document 9303 compliant travel documents and cards
- * Captures 400 dpi, 24 bit true color image of MRZ
- * 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 removing dirt and dust on the OCR scan window
- * Multi-color LED and beep sound for intuitive user interface
- * High-speed USB 2.0 interface (supports RS232 interface by virtual COM port)
- * Provides SDK for easy integration into other systems
- * Expandable smart card slot for reading contact chips (option)
- * Reads 1D or 2D barcode (option)

Specifications

Dimension	226 x 160 x 74.5mm / 8.89 x 6.29 x 2.93" (W x D x H)
Window Size	127 x 40mm / 5 x 1.6" (W x L)
Weight	1kg (2.20lbs)
Image Resolution	400 dpi
Image Sensor	24bit true color image sensor
Illuminations	Visible, IR
RF Reader	ISO 14443 Type A/B, up to 848kbps, PC/SC support
Indicator	Multi-color LED
Operating Temperature	0°C~40°C
Power Supply	12V/1A DC Adaptor
Interface	USB 2.0
Operating Systems	Windows 2000, 2003, XP, Vista
SDK	Full SDK including DLLs with a demo program in different languages

Device Configuration



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