

Document reader

Full-Page Document Scanner
 Passports, ID cards, Driver's licenses,
 Visas ...



Compact, single-step, full-page scanner with versatile functions

The Intersoft document reader is a compact, full-page, multi-purpose passport and ID scanner that provides automatic, accurate data extraction and document verification. It reads multiple document types: passports, e-passports, ID cards, visas and driver's licenses. Printed data is extracted from the entire data page, from MRZ, VIZ and 1D & 2D bar codes. It also extracts digital data from contact-less (RFID) and contact smart chips and from Magnetic stripes. OCR and RFID reading is done in one single step. Multiple illumination sources are available: visible white, IR and UV. Captured images are glare-free (with our Reflection Removal) while OVD signs are visualized in a separate image. By using the latest ID reading and verification technologies, combined with fast and easy operation and having no moving parts, the Intersoft document reader is ideal for any application from border control & immigration, to security and commercial environments like banks, hotels or telecom companies. Its multi configuration functions allow great flexibility.

Key features

- Compact, desktop "format", full-page document scanning, RFID function
- High resolution 500 PPI imaging with brilliant image quality. Visible white, IR, UV illumination, and OVD visualization
- Proprietary glare free imaging function for efficient OCR and bar code reading

Main benefits

- Reading and verifying ICAO and non-ICAO compliant ID documents accurately
- Processing complete passports (ICAO MRZ, General VIZ, RFID and more)
- Achieving single step OCR and RFID reading for higher security and speed



BORDER CONTROL



QUALITY ASSURANCE



LAW ENFORCEMENT



BANKING



HOTEL CHECK-IN



MOBILE OPERATORS

Specifications

DOCUMENT READER

Imaging

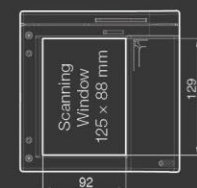
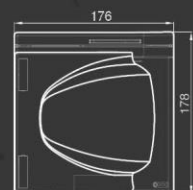
Active Scan Area	125 mm x 88 mm (4.92" x 3.46")
Illumination Sources	LED visible white, IR (B900), UVA (optional)
Image Resolution	500 PPI
Provided Images	Visible, IR, UV (UVA), OVD image, glare-free image
Image Formats	BMP, JPG, JPG2000 and PNG
Image Color Depth	24 bits/pixels [RGB, 8 bits/pixels (IR image)]

Reading Capability

Automatic Document Detection (ADD)	YES
Reflection Removal (RR)	YES
ICAO MRZ Reading	ICAO compliant documents per ICAO 9303 specification Part 1, Part 1v2, Part 2, Part 3 and Part 3v2 for Type ID-1, ID-2 and ID-3 MRZ Optical Character Recognition
VIZ Reading	Available
Barcode Reading	1D: UPC-A, EAN8, EAN13, Code39, Code128 and ITF 2D: PDF 417, Data Matrix, QR Code, Aztec Code From paper based documents and mobile devices AAMVA compliant PDF417 and IATA BCBP
Contactless IC (RFID) Option	Reading and writing contactless ICs according to: ISO 14443 Type A & B, All standardized rates up to 848 Kbps
Magnetic Stripe Option	Track 1, 2 and 3 stripes according to related ISO, ANSI and AAMVA standards
Contact Smart Card Option	ISO 7816 Class A, AB and C, ISO 7816 & EMV2 2000 Level 1

INTERFACE & INTEGRATION

Supported Operation Systems	Windows 8, 7, Vista, XP (32/64 bit, WHQL) 32/64 bit Server 2008 R2 and Server 2003 Linux Debian 6.06, 7, Ubuntu 10.0.4, 12.0.4, CentOS 6.3 and Open Suse 12.1
Field mapping integration	Copy and paste data
String integration	String file
XML integration	Single XML structure (XML file) Multiple XML structure (XML file)
RFID functions	ICAO Doc. 9303 LDS 1.7, ISO 18013 PKI 1.1, BAC, EAC, EAC2.0, PACE, AA, PA, TA, CA, BAP, EAP
Advanced Document Authentication Module	Data consistency checks: MRZ vs. VIZ vs. Bar codes vs. RFID IR B900 and UV dull paper check, Passports' bearer photo vs. RFID DG2
PC Connection	USB2.0 high speed
Internal USB HUB	Integrated USB2.0 HUB, 2 ports for external devices
Status indicators	Four status LEDs (blue, green, yellow, red)
Internal Memory	Storing factory calibration
Firmware Upgrade	Automatic, via USB or Internet



Mechanical and Other Data

Size (width x depth x height)	178 mm x 176 mm x 146 mm (7.01" x 6.93" x 5.75")
Weight	1.1 kg (2.43 lbs.)
Operating Temperature	5 °C - 45 °C (45 °F - 113 °F)
Operating Humidity	0-95 % (non-condensing)
Power supply	Universal external power supply, 100-240 V AC, 50/60 Hz
LAN	Supported (IP address)
Case	Sturdy ABS-PC plastic
Security	Kensington® security slot
Window glass	4 mm tempered glass
Support	Remote, phone, constant software upgrade
Maintenance	No moving parts
Warranty	12 months warranty, upgradeable



Technical specifications are subject to change without prior notice. This document does not constitute an offer.

