Technical Datasheet

Authentication Software
Add-Ons for AR ID Reading

General Features

Supported operating systems	Windows (32/64 bit), Linux (32/64 bit)
Required ID scanner	Adaptive Recognition passport reader (Osmond, Combo Smart, Combo Scan, PRMc, KIOSK models)
Licensing	One year from purchase included, optional subscription available on yearly basis

Main Software Features (ICAO 9303)

1D / 2D barcode recognition	Yes
Document auto-rotating & cropping	Yes
RFID authentications package*	Yes
General authentication checks	Yes
Checksum verification	Yes
Expiration date check	Yes
Barcode integrity check	Yes
B900 ink check	Yes
Oblique (edge) light support	Yes
UV dullness check*	Yes
OVD (optical variable device) visualization*	Yes
Text cross-checking	MRZ vs. RFID, MRZ vs. VIZ (birth date, expiry date, document number)
Biometric data cross-checking	Printed portrait vs. RFID photo
JURA IPI® (Invisible Personal Information) reading*	Yes

VIZ OCR Features

MRZ features included	Yes
Personal data extraction & cropping	Yes
Document data extraction & cropping	Yes
Automatic face recognition & portrait cropping	Yes
Text division into separate fields	Automatic segmentation

Authentication Features

MRZ features included	Yes
VIZ OCR features included	Yes
Pattern presence & matching	UV, Infrared
Geometry analysis	Yes
Infrared disappearance check	Yes
Advanced UV dullness check	Yes
Fluorescent ink check	Yes
Fluorescent fiber counting	Yes

Interface

Input	From Adaptive Recognition scanner
Automated operation	Yes
Accepted documents	Passport, Visa, ID cards, Driver's license, Local residence permit, Address card, Health insurance card and many more...
Supported character sets	Latin (Baltic, Northern, Eastern, Southern European) Cyrillic (e.g., Bulgarian, Serbian, Russian, Kazakh) Georgian, Greek, Arabic (only number OCR), Vietnamese and more...

* Indicated functions require optional hardware features

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