

# PRMc HIGH-END ID & E-PASSPORT READER

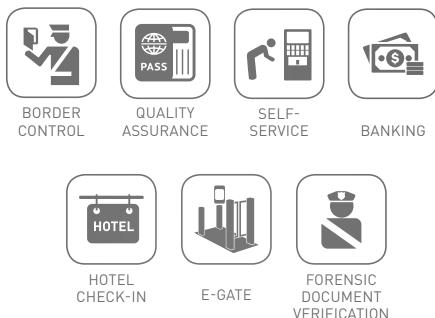
## Unique verification features for mission critical applications



PRMc is compact yet full-page, premium passport reader that reads and authenticates multiple IDs and travel documents quickly and accurately. It is one of our best-selling passport readers for mission critical applications such as border control, immigration, forensic-applications and quality assurance. PRMc captures, reads and verifies identity documents including electronic travel documents and 1D and 2D barcodes used by the airline industry on boarding passes and cell phones.

**Exceptionally high resolution and true-tone imaging of PRMc allows in-depth document verification in 1<sup>st</sup> line authentication. Verification features include JURA IPI decoding.**

PRMc saves invaluable human resources by replacing those tasks that were performed manually before, such as passport inspection or typing personal data. Border guard officials can focus more on the passengers' behaviour, hence increase security and efficiency. Integration into any IT system is ensured by SDK package.



## Main benefits

- Premium authentication features for efficient 1st line authentication
- Robust tool for mission critical applications such as border control
- Gain more time focusing on your Clients' behaviour, while PRMc does the rest
- Allows in-depth authenticity verification, supports all travel documents
- Suitable desktop and integrated (OEM) applications such as self-service kiosk

# Specifications

• high-resolution, true color imaging for in-depth verification • single-step imaging, data capturing and verification • 475 PPI full-page and 960 PPI printed face photo imaging • highly scratch resistant glass and no moving parts

## Imaging

Active Scan Area	130 mm × 98 mm (5.12" × 3.86")
Glass Plate	Scratch resistant tempered glass for robustness and durability
Illumination Sources	LED visible white, IR (B900), UV-A
Image Resolution	475 PPI
Photo Camera	960 PPI
Provided Images	Visible, IR, UV (UV-A), OVD image and glare-free image
Image Formats	BMP, JPG, JPG2000 and PNG
Image Color Depth	24 bits/pixels [RGB, 8 bits/pixels (IR image)]

## Reading Capability

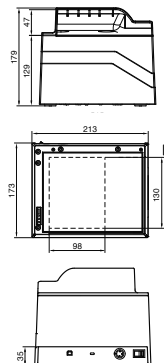
Automatic Document Detection (ADD)	YES
Reflection Removal (RR) and OVD visualization	YES
Adaptive Light Control	YES
ICAO MRZ Reading	ICAO compliant documents per ICAO 9303 specification Part 1, Part 1 <sub>v2'</sub> , Part 2, Part 3 and Part 3 <sub>v2'</sub> for Type ID-1, ID-2 and ID-3 MRZ Optical Character Recognition
VIZ Reading	Available with Adaptive Recognition VIZ OCR software
Barcode Reading	1D: UPC-A, EAN8, EAN13, Code39, Code128 and ITF 2D: PDF 417, Data Matrix, QR Code, Aztec Code AAMVA compliant PDF417 and IATA BCBP
RFID	Reading and writing contactless ICs according to: ISO 14443 Type A & B, BSI TR-03105 All standardized rates up to 848 Kbps
Authentication checks	printed vs. digital data comparison

## Programming & Interfaces

Supported Operating Systems	Windows 7, 8, 8.1, 10 + Linux (ask for details)
Software Development Kit (SDK)	Complete SDK including DLLs and demo programs
Programming Languages	C/C++, C#, Visual Basic 6.0, Delphi, VB.NET, Java
General Interfaces	Adaptive Recognition native, Twain, PC/SC, BioAPI 2.0, Acuant AssureID™
RFID functions	ICAO Doc. 9303 LDS 1.7, ISO 18013 (Driver License) PKI 1.1, BAC, EAC, EAC2.0, PACE, PACE-CAM, AA, PA, TA, CA, BAP, EAP
Advanced Document Authentication (included in standard SDK)	Data consistency checks: MRZ, RFID IR B900 and UV dull paper check Bearer's printed photo vs. RFID DG2
Additional Authentication Options	VIZ and non-ICAO document reading Automated verification based on document specific security features in visible white, IR and UVA Jura IPI (invisible personal information) verification
PC Connection	USB 2.0 high speed (USB 3.0 compatible)
Status indicators	Three programmable status LEDs (yellow, red, green)
Firmware Upgrade	Automatic, via USB

## Mechanical and Other Data

Size (width × depth × height) / Weight	213 mm × 173 mm × 179 mm (8.39" × 6.81" × 7.08") / 1.74 kg (3.84 lbs)
Operating Temperature / Humidity	5 °C to 45 °C (45 °F to 113 °F) / 0-95 % (non-condensing)
Power supply	Universal external power supply, 100-240 V AC, 50/60 Hz
Case	Sturdy ABS-PC plastic and metal
Security	Kensington® security slot
Window glass	0.16" (4 mm) scratch resistant tempered glass
Compliances	FCC, CE, WEEE, RoHS
Maintenance	No moving parts, maintenance-free operation
Warranty	3-year warranty, upgradeable



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