

# COMBO SMART KIOSK FULL-PAGE, OEM E-PASSPORT READER

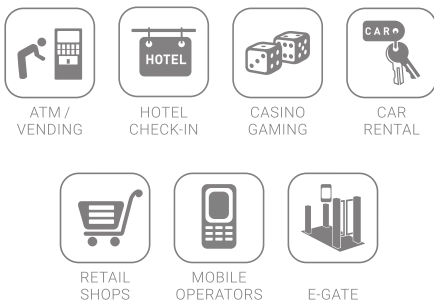
Low profile and simple shape e-passport reader, ideal for integration



Automated Border Control (ABC) gates at airports, self-service kiosks at railways and cruise terminals, virtual teller machines need a reliable e-passport reader that can be seamlessly integrated both physically and into the workflow. In the core foundation, there must be a passport reader which lets people gain access to their route while protects borders efficiently.

Combo Smart Kiosk complies to all these requirements. **It is designed to image and inspect identity documents including electronic travel documents and 1D and 2D barcodes used by the airline industry on boarding passes and cell phones.**

Integration is easy thanks to the low profile and simple shape design accompanied by mounting points. Users benefit from the intuitive design. The reader does not just capture the data but offers full spectrum authentication too. All of this happens in a blink of an eye – for managing continuous and fast passenger flow even at the largest travel hubs worldwide.



## Main benefits

- Profit from accurate data entry and verification
- OEM design for ABC gates and self-service kiosks
- Intuitive design helps infrequent passengers
- Automated passenger screening, 24/7 operation
- Reads & verifies every IDs including electronic travel documents

## Specifications

• true color, high-quality images • full-page scanning up to ID-3 size • wide range of models to match all business needs • single step reading of printed & RFID data • visible white, IR, UV illumination • OVD visualization & Reflection Removal

### Imaging

Active scan area	129 x 89 mm
Illumination sources	LED: visible white, IR (B900), UVA
Provided images	Visible, IR, OVD image, glare-free image, UV image
Image formats	BMP, JPG, JPG2000, PNG
Image color depth	24 bits/pixels [RGB, 8 bits/pixels (IR image)]

### Reading Capability

Automatic Document Detection (ADD)	YES
Reflection Removal (RR)	YES
Adaptive Light Control	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 with ARH VIZ OCR software
Barcode reading	1D: UPC-A, EAN8, EAN13, Code39, Code128, ITF 2D: PDF 417, Data Matrix, QR Code, Aztec Code From paper-based documents and mobile devices AAMVA compliant PDF417 and IATA BCBP
RFID reading**	Reading and writing contactless ICs according to: ISO 14443 Type A & B, BSI TR-03105 All standardized rates up to 848 Kbps

### 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	AR native, Twain and Acuant AssureID
RFID functions (where applicable)**	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
Status indicators	Four programmable status LEDs (blue, green, yellow, red)
Advanced Document Authentication (included in standard SDK)	Data consistency checks: MRZ, RFID** R B900 and UV dull paper check*, Bearer's printed photo vs. RFID DG2**
Additional Authentication Options (available as optional SDK)	VIZ and non-ICAO document reading Automated verification based on document specific security features in visible white, IR and UVA*
PC connection	USB 2.0 high speed (USB 3.0 compatible)
Firmware upgrade	Automatic, via USB

### Mechanical and Other Data

Size with passport fixer	150 mm x 195 mm x 117 mm (5.90" x 7.67" x 4.60")
Size without passport fixer	150 mm x 195 mm x 108 mm (5.90" x 7.67" x 4.25")
Weight	1.01 kg (2.15 lbs.)
Operating temperature	5 °C to 45 °C (45 °F to 113 °F)
Operating humidity	0-90 % (non-condensing)
Power supply (V DC)	12 V DC
Max. power consumption	0.8 A / 9.6 W
Case housing	Sturdy ABS-PC plastic
Window glass	5.5 mm (0.22") normal glass
Programmable status LEDs	3
Compliances	FCC, CE, WEEE, RoHS
Maintenance	No moving parts, maintenance-free operation
Warranty	3-year warranty, upgradeable

\*\* available in type 'R' models

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