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WG Kiosk Full Page Passport Scanner

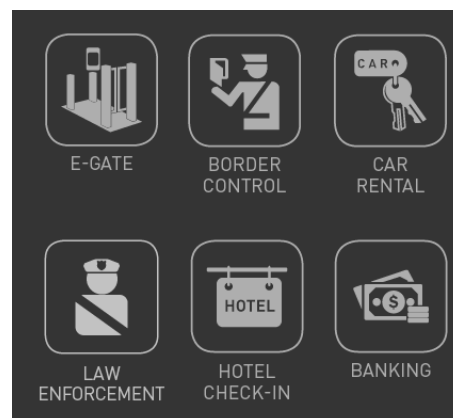


WG Kiosk Full Page Passport Scanner is a full-page ePassport/ID reader for kiosks and automatic security gate applications. The reader module appears in an incredibly compact – 10 cm / 4 inches tall – brick design with mounting points, recessed connections, replaceable document guide bracket and status LEDs. The device has a full-size ID-3 type document reading glass platen that is factory-installed to be easily exchangeable even after the unit is in its set position for utilization.

Its physical form factor is optimized for e-gates and other CUSS projects. Its mounting bracket is fully 180 degrees reversible during installation, which allows the reading glass better exposure and more convenient use. Similarly to Combo Smart except its ability to read smart card chips and magnetic strips, the module is able to perform full spectrum authentication and data reading tasks and also manufactured with consideration for intuitive customer.

MAIN BENEFITS

- Accurate reading and verifying of ICAO and non-ICAO compliant identity documents
- Processing complete passports (ICAO MRZ, general VIZ, RFID and more)
- Single step OCR and RFID reading for higher security and better speed
- Reduction of data entry errors and counterfeit ID acceptance
- Variable configurations for built-in installation



SPECIFICATIONS

WG Kiosk Full Page Passport Scanner provides high-resolution 500 PPI imaging with the help of LED-based visible white, IR and UV illumination. It performs regular 1D and 2D barcode reading from printed documents or smartphone screens. The scanner's physical design is aimed at building into kiosks, desks and vending machines.

Imaging

- Active scan area - 130 mm × 90 mm
- Illumination sources - LED: visible white, IR (B900), UVA (optional)
- Provided images - Visible, IR, OVD image, glare-free image, UV image (optional)
- Image formats - BMP, JPG, JPG2000, PNG and RAW
- Image colour - depth 24 bits/pixels [RGB, 8 bits/pixels (IR image)]

Programming & Interfaces

- Supported operation systems - Windows 7, Windows 8, Windows 10, Vista (32/64 bit, WHQL certified) 32/64 bit Server 2008 R2 and Server 2003 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 - ARH native, TWAIN
- Advanced Document Authentication Module - Data consistency checks: MRZ vs. VIZ vs. Barcodes
- PC connection - USB 2.0 high speed (USB 3.0 compatible)
- Internal memory - Storing factory calibration + 16 Kbyte user data
- Firmware upgrade - Automatic, via USB

SPECIFICATIONS

WG Kiosk Full Page Passport Scanner offers complete RFID reading support for BAC, EAC, EAC2.0, PA, AA, PC/SC interfaces and complies with ISO & ICAO standards, while supports BAC, PACE, EAC, AA and PA as well as CA, TA, BAP and EAP. Kiosk Smart is compatible with Windows and Linux, uses standard TWAIN interface and comes with comprehensive development support in C/C++, C#, Visual Basic, .NET, Java.

Reading Capabilities

- 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, based on user-defined fields
- Barcode reading - 1D: UPC-A, EAN8, EAN13, Code39, Code128, ITF and UPU, 2D: PDF 417, Data Matrix, QR Code, Aztec Code, From paper-based documents and mobile devices, AAMVA compliant PDF417 and IATA BCBP
- Barcode reading - 24 bits/pixels (RGB)
- RFID reading - Reading and writing contactless ICs according to: ISO 14443, Type A & B, all standardized rates up to 848 Kbps

Mechanical Data

- Size with passport fixer - 150 mm × 195 mm × 117 mm (5.90" × 7.67" × 4.60")
- Size without passport fixer - 150 mm × 195 mm × 108 mm (5.90" × 7.67" × 4.25")
- Weight - 1.01 kg (2.15 lbs.)
- Operating temperature - 5 °C to 40 °C (41 °F to 104 °F)
- Operating humidity - 0-90 % (non-condensing)
- Operating humidity - (non-condensing) 90 %
- Power supply (V DC) - 12 V DC
- Max. power consumption - 0.8 A / 9.6 W
- IP rate - IP53
- Case housing - Sturdy ABS 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 - 2-year warranty, upgradeable