KIOSK SCAN

ID AND PASSPORT SCANNER FOR KIOSKS
WITH OCR SOFTWARE LIBRARY & SDK

ADVANCED DOCUMENT AUTHENTICATION MODULE (ADAM)

ADAM
- ✓ MRZ checksum validation
- ✓ MRZ comparing to VIZ (optional)
- ✓ Expiry date check, B900 ink check
- ✓ Automatic pattern matching under Normal and IR light (optional)

Machine Readable Zone

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IOANY012345648<<<<<<<<<<<<<<<
7208229M1805165ANY<<<<<<<<<<4
        RMANN<<GEORGE<<<<<<<<<<
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ULTRA COMPACT SCANNER FOR FAST DATA ENTRY

The Kiosk Scan is a fast and fully automated ID and passport scanner designed for data entry applications. The scanner's low profile, metal case makes it ideal for integration with self-service kiosks, vending machines and other service desks. Accuracy and efficiency combined with ease of use greatly improves customer handling in various applications where reading and checking identity documents are required, for example age verification in tobacco vending machines. Scanning starts automatically when the document is placed on the scanning window. Several, high resolution images are captured and processed, even the glossy reflections caused by laminated documents are removed for the best OCR result. OCR data, barcode data and authentication checks are available within 2 seconds. This saves an enormous amount of time – as much as 2-3 minutes per customer – and greatly improves the accuracy of data compared to manual input. Maintenance-free operation is ensured by the no-moving parts design. The scanner operates with USB and no external power supply is required. For optimal performance, this device must be installed in an area with no exposure to direct light source or excessive glare.

KEY FEATURES

- Passport and ID reading, mechanical design specifically for building into kiosks, desks, vending machines, etc.
- High resolution 500 PPI imaging with visible white & IR illumination
- Proprietary glare-free imaging function for efficient OCR and bar code reading
- LED-indicated operation feedback for better ergonomics

MAIN BENEFITS

- Reading barcodes and accomplishing OCR very quickly and accurately
- Both ICAO MRZ reading and general VIZ reading from ID cards (such as driving licenses)
- Supporting detection of fraudulent documents in high resolution imaging based in visible white & IR illumination

VENDING   HOTEL CHECK-IN   CASINO GAMING   CAR RENTAL   RETAIL SHOPS   CELL PHONE OPERATORS   E-GATE
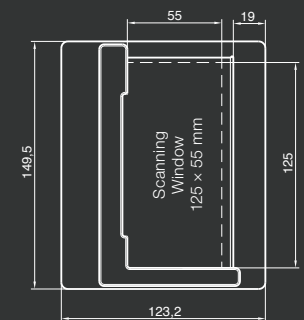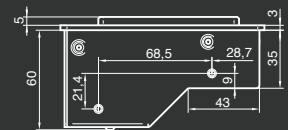
SPECIFICATIONS

IMAGING

Active Scan Area	125 mm × 55 mm (4.92" × 2.17")
Illumination Sources	LED visible white, IR (B900)
Image Resolution	500 PPI
Provided Images	Visible, IR, 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

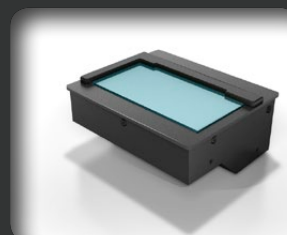|	
Automatic Document Detection (ADD)	YES
Reflection Removal (RR)	YES
ICAO MRZ Reading	ICAO compliant documents per ICAO 9303 specification Part 1, Part 1_{v2}, Part 2, Part 3 and Part 3_{v2} for Type ID-1, ID-2 and ID-3 MRZ Optical Character Recognition
VIZ Reading	Available, based on user-defined fields
Barcode Reading	1D: UPC-A, EAN8, EAN13, Code39, Code128 and ITF 2D: PDF 417, Data Matrix, QR Code, Aztec Code From paper based documents and mobile devices AAMVA compliant PDF417 and IATA BCBP

PROGRAMMING & INTERFACES

Supported Operation Systems	Windows 8.1, 8, 7, Vista (32/64 bit, WHQL certifed) 32/64 bit Server 2008 R2 and Server 2003 Linux Ubuntu, Debian, OpenSUSE, CentOS
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 and Micros Opera™
Advanced Document Authentication Module	Data consistency checks: MRZ vs. VIZ vs. Bar codes IR B900 check
PC Connection	USB 2.0 high speed
Internal Memory	Storing factory calibration
Firmware Upgrade	Automatic, via USB

MECHANICAL AND OTHER DATA

Size (width × depth × height)	125 mm × 123 mm × 58.5 mm (4.92'' × 4.84'' × 2.3'')
Weight	0.6 kg (1.32 lbs.)
Operating Temperature	5 °C - 45 °C (45 °F - 113 °F)
Operating Humidity	0-95 % (non-condensing)
Power supply	From USB, no external power supply is required
IP rate	IP53
Case	Metal case
Window glass	4 mm tempered glass
Compliances	FCC, CE, WEEE, RoHS
Maintenance	No moving parts, maintenance-free operation
Warranty	12 months warranty, upgradeable

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