

COMBO SCAN KIOSK

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



ULTRA COMPACT SCANNER FOR KIOSK INTEGRATION

What is Combo Scan Kiosk really good at? Built-in identity check and automated data entry. It reads all types of IDs including passports, identity cards, drivers' licenses, visas, and more. Integration with self-service kiosks, vending machines and other service desks is easy, as the name Kiosk suggests – thanks to the scanner's low profile, ultra-compact rectangular form and convenient mounting holes. All these come in a straightforward design with no moving parts, requiring only a single USB connection.

Intuitive use, accuracy and efficiency greatly improve passenger flow or customer handling in those applications where checking identity documents is a must, especially in CUSS systems like e-gates, airline check-in kiosks, bank ATMs and even in cigarette/ alcohol machines where the usage is restricted by age.

Imaging is enhanced by ARH's own Adaptive Light Control, a software-based solution to make sure that Combo Scan Kiosk can operate even in environments with exposure to direct light source or excessive glare.



VENDING

HOTEL CHECK-IN

CASINO GAMING

CAR RENTAL



RETAIL SHOPS

CELL PHONE OPERATORS

E-GATE

MAIN BENEFITS

- Developed specifically for e-gates, self-service kiosks
- Ultra compact size for seamless integration
- Barcode scanning from tickets & smart phones
- 2-in-1 solution for scanning and OCR
- Enhanced imaging to ensure coverless operation

TOWARD THE FUTURE IN SAFETY – SINCE 1991

SPECIFICATIONS

COMBO SCAN KIOSK

- MRZ OCR of ID-1/ID-2/ID-3 documents • 1D/2D barcode reading • ultra compact size • 500 PPI glare-free imaging • USB powering

IMAGING

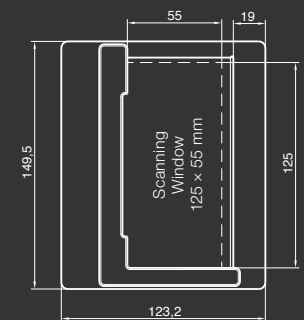
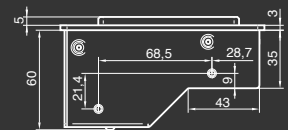
Active Scan Area	125 mm × 55 mm (4.92" × 2.17")
Illumination Sources	LED visible white, IR (B900)
Image Resolution	500 PPI
Provided Images	Visible, IR, OVD image, glare-free image
Image Formats	BMP, JPG, JPG2000 and PNG
Image Color Depth	24 bits/pixels [RGB, 8 bits/pixels (IR image)]

READING CAPABILITY

Automatic Document Detection (ADD)	YES
Reflection Removal (RR)	YES
Adaptive Light Control	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 with ARH VIZ OCR software
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

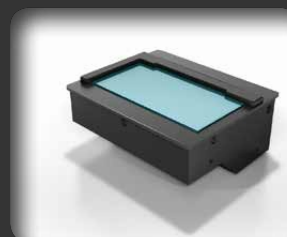
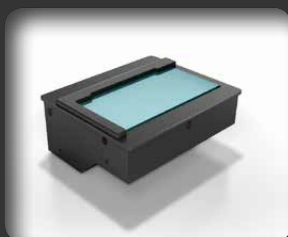
PROGRAMMING & INTERFACES

Supported 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	ARH native, Twain
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 × 67.5 mm (4.92" × 4.84" × 2.66")
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
Case	Metal case
Window glass	4 mm 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.

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