



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.



HOTEL













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

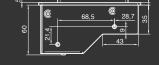
Active Scan Area	125 mm × 55 mm (4.92" × 2.17")
Illumination Sources	LED visible white, IR (B900)
Image Resolution	500 PPI
Provided Images	Visible, IR, OVD image, glare-free image
Image Formats	BMP, JPG, JPG2000 and PNG
Image Color Depth	24 bits/pixels [RGB, 8 bits/pixels (IR image)]

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 $_{\wp}$, Part 2, Part 3 and Part 3 $_{\wp}$ 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

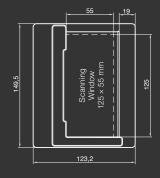
PROGRAMMING & INTERFACES

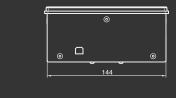
Supported Operating Systems	Windows 10, 8.1, 8, 7, Vista (32/64 bit, WHQL certifed) 32/64 bit Server 2008 R2 and Server 2003 Linux Ubuntu, Debian, OpenSUSE, CentOS
Software Development Kit (SDK)	Complete SDK including DLLs and demo programs
Programming Languages	C/C++, C#, Visual Basic 6.0, Delphi, VB.NET, Java
General Interfaces	ARH native, Twain
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 \times depth \times height)	125 mm × 123 mm × 68 mm (4.92" × 4.84" × 2.68")
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	3-year warranty, upgradeable















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