

# COMBO SCAN

ID AND PASSPORT SCANNER  
WITH OCR SOFTWARE LIBRARY & SDK



## ULTRA COMPACT SCANNER FOR FAST DATA ENTRY

Combo Scan is the easy way to capture data from IDs and passports. This super compact, fully automatic scanner is the ideal solution for streamlining document processing, especially in environments where highly efficient data entry and age verification are required. Combo Scan is perfectly suited for front-desk use at car rental agencies, hotels, casinos, retail stores and other customer service and visitor management systems.

Scanning IDs has never been easier: just place your document on the reader and scanning starts automatically. While you focus on your customer, Combo Scan takes multiple images – printed text, bar codes, and optional chip data are all digitized within seconds. For the best OCR results, it even removes the glossy reflections caused by laminated documents.

All of these functions are performed by a device with straightforward operation and no moving parts, ensuring maintenance free usage. Requiring only a single USB connection, Combo Scan is energy efficient and has a small footprint. Replacing time-consuming and error-prone manual data entry is smooth operation for Combo Scan.



### MAIN BENEFITS

- Automated data entry in any front office application
- 2-in-1 solution for scanning and OCR
- Reliable reading of texts, barcodes and even chip data
- Small footprint & easy to use
- Worldwide document support

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## SPECIFICATIONS

## COMBO SCAN

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

### 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

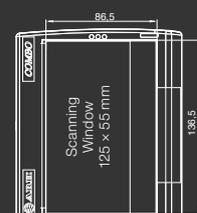
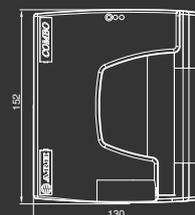
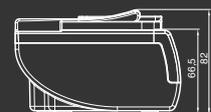
Automatic Document Detection (ADD)	YES
Reflection Removal (RR)	YES
Adaptive Light Control	YES
ICAO MRZ Reading	ICAO compliant documents per ICAO 9303 specification Part 1, Part 1v2, Part 2, Part 3 and Part 3 <sub>v2</sub> for Type ID-1, ID-2 and ID-3 MRZ Optical Character Recognition
VIZ Reading	Available 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
Contactless IC (RFID) option*	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 10, 8.1, 8, 7, Vista (32/64 bit, WHQL certified) , 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 and Twain
Advanced Document Authentication Module	Data consistency checks: MRZ vs. VIZ vs. barcodes IR B900 check
PC Connection	USB 2.0 high speed
Status indicators	Three programmable status LEDs (yellow, red, green)
Internal Memory	Storing factory calibration
Firmware Upgrade	Automatic, via USB

### MECHANICAL AND OTHER DATA

Size (width × depth × height)	152 mm × 130 mm × 82 mm (5.98" × 5.12" × 3.23")
Weight	0.6 kg (1.32 lbs.)
Operating Temperature	5 °C to 45 °C (45 °F to 113 °F)
Operating Humidity	0-95 % (non-condensing)
Power supply	From USB with no external power supply is required
IP rate	IP53
L-frame for coverless design	Optionally available
Case	Sturdy ABS-PC plastic
Security	Kensington® security slot
Window glass	4 mm (0.16" ) tempered glass
Compliances	FCC, CE, WEEE, RoHS
Maintenance	No moving parts, maintenance-free operation
Warranty	3-year warranty, upgradeable



\* available in type 'R' models



ADDRESS: ALKOTAS UTCA 41, H-1123 BUDAPEST, HUNGARY, EU  
PHONE: +36 1 201 9650 • FAX: +36 1 201 9651  
WWW.ARH.HU • EMAIL: SENDINFO@ARH.HU

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