COMBO SCAN

ID AND PASSPORT SCANNER
WITH OCR SOFTWARE LIBRARY & SDK

ARH

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.

VISITOR MANAGEMENT
HOTEL CHECK-IN
CASINO GAMING
CAR RENTAL
RETAIL SHOPS
MOBILE OPERATORS

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

TOWARD THE FUTURE IN SAFETY – SINCE 1991

SPECIFICATIONS

• 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

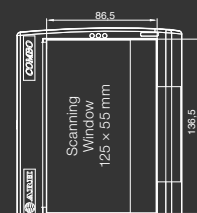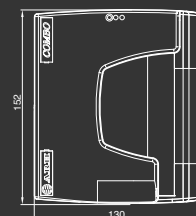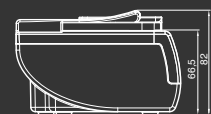|	
Active Scan Area	125 mm × 55 mm (4.92" × 2.17")
Illumination Sources	LED visible white, IR (B900)
Image Resolution	500 PPI
Provided Images	Visible, IR, OVD image, glare-free image
Image Formats	BMP, JPG, JPG2000 and PNG
Image Color Depth	24 bits/pixels [RGB, 8 bits/pixels (IR image)]

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$_{v2}$ 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 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 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 and Twain, Acuant AssureID™
Advanced Document Authentication Module	Data consistency checks: MRZ vs. VIZ vs. 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
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

Scanning Window 125 × 55 mm

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