

HOTEL READER

DEDICATED DOCUMENT READER DEVICE FOR PROVIDING HOTELS AND CORPORATIONS WITH THE LATEST AUTOMATED DATA ENTRY TECHNOLOGY



State-of-the-art travel document reader for hotels

Nowadays, the number of business and leisure travelers is growing rapidly. Manual visitor management procedures are no longer able to deal with the extended number of visitors nor provide appropriate level of security.

ARH's Hotel Reader is a state-of-the-art travel document reader device which can improve access control efficiency while enhances security and corporate image.

What are the benefits provided you by the Hotel Reader over traditional visitor management / access management procedures?

1. No need for manual data entry. Visitors are processed within seconds.
One document reading cycle takes less than 2 seconds.
2. Captured images can be saved and used for data-checking later.
3. Not like traditional flatbed scanners, Hotel Reader scans documents in visible and infra-red light to filter out fake documents printed with standard ink and paper.
4. Contains no moving parts maintenance free operation, long endurance.
5. Desktop usage design, possible to integrate in displays, kiosks and automated access control terminals.
6. No error related to mistyping, as each character is recognized with 99.98% accuracy from OCR code lines.
Best human typists could reach 98% accuracy.
7. Face photo is automatically extracted and could be printed on badges.
8. Central administration possible, real-time monitoring.
9. Web-based application is possible, enables visitors to pre-register over Internet.
10. Time and date stamp at entry and exit.
11. Bar code reading from visitor badges.
12. Returns value to the customer in short time.



ARH Inc.
H-1126 Budapest, Kiralyhago ter 8-9. Hungary
Phone: +36 1 201 9650 • Fax: +36 1 201 9651
www.arhungary.hu • E-mail: moreinfo@arhungary.hu



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How does it work?

The Hotel Reader package contains a dedicated hardware scanner and OCR software to recognize printed data from passports / driver's license / identity cards.

Documents detected automatically: scanning starts immediately after placing the document on the scanning window. Captured images are transmitted to the computer via fast USB2.0 interface where efficient optical character recognition algorithm recognizes the OCR code-lines and two dimensional bar-codes.

Possible to print visitor badges automatically, by connecting the management software to badge printer.

Technical specifications

Optical Specifications

- Image resolution: 400 DPI colour
- Illumination: visible white & IR

Mechanical Data

- Size with cover: 213x173x179 mm (8.39"x6.81"x7.08")
- Window size: 130x98 mm (5.12"x3.86")
- Case: ABS Plastic on metal base
- Operating temperature: +5°C to +45°C (41°F to 113°F)
- Maintenance free operation
- No moving parts
- Kensington® security slot

Other Specifications

- Compliances: CE, FCC, RoHS, IEC 62471
- Interface: USB 2.0
- External power supply (100-240V AC, 50/60Hz)

Software Development Kit (SDK)

Supported OS

- Windows® 7 (32/64 bit), Vista, XP, 2003
- Linux® (optional, ask for details)

Programming languages

- C/C++, C#, Visual Basic 6.0, Delphi, VB.NET, Java

Image format

- BMP, JPG, JPG2000, PNG

1D & 2D Barcode reading

- Included

Optional features of Hotel Reader

1. Colour UV images for visualizing secure UV patterns. Automatic UV dull-paper (whether the UV is printed on standard white paper or security paper) is included in the standard software package.
2. Integrated smart card reader for reading contact smart chips from ID cards, drivers' licenses.
3. Integrated contact less RF reader (commonly known as: RFID) for obtaining biometric data from e-passports and e-ID cards. Support all ICAO standard authentication methods: BAC and EAC.
4. Ultra-high resolution photo capturing on ICAO format passports. Holder's printed face photo is captured in 700DPI resolution. It allows the operator to perform document verification: micro-printing check, photo-substitution check, etc.

Hotel Reader could be integrated into desktop, therefore reduce check-in time.

