

CLR document reader series

Read and verify documents automatically
with CLR document reader



CLR desktop document reader series for passports, VISAs and ID Cards

Each model of CLR document reader series is a combination of a dedicated hardware with a high-recognition OCR software serving for automatic document identification and verification.

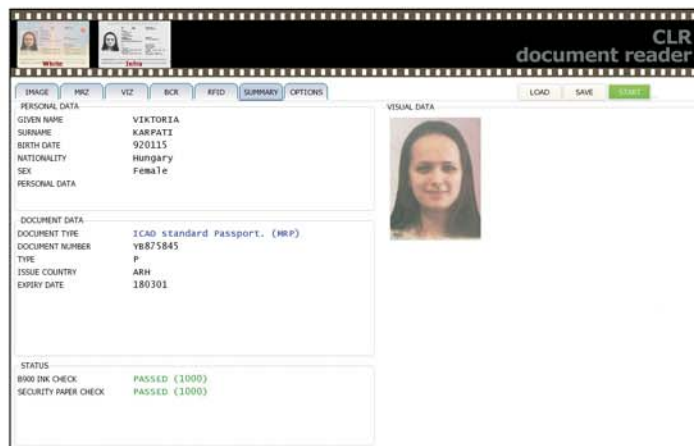
Every CLR has outstanding image quality in visible, UV (full-colour) and IR light and provides an exceptionally high rate of character recognition. Additional unique features include reading 2D bar codes.

CLR readers are easy to use, no need for specially trained personnel.

The equipment first senses when the document is inserted, then automatically scans images and make it available for further processing.

During product development the designers particularly focused on the easy integration of CLR models.

CLR readers and the Passport Reader SDK are extremely easy to integrate with any computer system used for document control.



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Technical specifications

of CLR passport reader

Technical specifications

Illuminations

- CLR 121: Normal visible (White) + Infra Red (B900)
- CLR 233: Normal visible (White) + Infra Red (B900) + UV (UVA)

Optical Specifications

- Image sensor: 1.5 Megapixel
- Image resolution: 250 DPI
- Image colour depth: 24 bits/pixels RGB

Hardware Units

- Internal memory: to store the firmware settings and factory calibration file

Mechanical Data

- Size with cover: 190 x 185 x 290 mm (7.48" x 7.28 x 11.42")
- Window size: 130 x 98 mm (5.12" x 3.86")
- Case: 100% metal case
- Window glass: 4 mm tempered glass
- Operating temperature: +10°C to +40°C (50°F - 104°F)
- Operating humidity: 0-95% (non-condensing)
- Weight: 3.8 kg (8.38 lb)
- No moving parts

Other Specifications

- Compliance: CE
- Interface: USB 2.0
- Number of status LEDs: 3 (2 programmable)
- Power: external power supply (100-240V AC, 50/60Hz)

Software Development Kit (SDK)

Supported OS

- Windows® Vista, XP, 2003
- Linux®

Programming languages

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

Full processing time

- Normal + Infra image and OCR (MRZ): 1.5 sec (P4 Celeron 2.4GHz)

MRZ OCR reading

- Included (ICAO 9303)

Enhanced Optical System (EOS)

- Included

VIZ OCR reading

- Optional, requires extra development

Barcode reading

- 1D Barcode reading: EAN8, EAN13, Code39, Code128. Interleaved 2 of 5

Image format

- BMP, JPG, JPG2000, PNG

Technical specifications are subject to change without prior notice

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