

Technical specifications

of MRZ Reader

Illuminations

- Normal visible (White)
- Infra Red (B900)

Optical Specifications

- Image resolution: 380 dpi
- Image colour depth: 24 bit/pixel RGB

Hardware units

- Factory calibration stored in internal memory
- RFID module (optional)

Mechanical Data

- Size with cover: 175 x 240 x 85mm (6.89" x 9.45" x 3.35")
- Window size: 130 x 43mm (5.12" x 1.69")
- Case: ABS plastic
- Window glass: 4 mm tempered glass
- Operating temperature: +5°C to +45°C (41°F to 113°F)
- Operating humidity: 0-95% (non condensing)
- Weight: 1.05 kg (2.31lb)
- No moving parts

Other Specifications

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

RFID Module

Optionally available

- Single step reading
- DUAL RFID antenna
- RFID chip is detected in any position within the passport
- Supports all ISO 14443 A/B chip types
- Active/passive authentication, BAC, EAC
- RFID data is read at the highest possible speed supported by the chip
- Airspeed limit is maximum 848Kbps (if supported by the chip)



Software Development Kit (SDK)

Supported OS

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

Programming languages

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

Processing time (depending on PC configuration)

- Image capture and MRZ reading < 0.8sec (Minimum PC configuration: P4 2GHz, 2GB RAM, USB 2.0)

MRZ OCR reading

- ICAO 9303

2D Barcode reading

- PDF 417
- Data Matrix
- QR code
- Aztec code

1D Barcode reading

- UPC-A, 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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