



# 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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