

3M Rochford Thompson
Advanced Solutions



RTE8000 e-viewer



Document Scanner for
for e-Passports and e-ID Cards



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Document scanner for e-Passports and e-ID cards

The RTE8000 e-Viewer is a desktop scanner designed for fast and accurate reading of e-Passports & e-ID cards by border control authorities, airlines and public administration offices. The RTE8000 e-Viewer is designed specifically for applications which must read and display the contents of the RF chip in e-Passports or e ID cards. Its small footprint makes it ideal for use on airline check-in desks, immigration control booths or public administration offices.

Within the European Union the e-Viewer meets the requirements of the Charter of Fundamental Rights which states that "everyone has the right of access to data which has been collected concerning him or her".

The scanner is available with a closed hood as shown overleaf or with the open hood shown below. The open hood is often chosen for applications where the scanner is to be operated by members of the general public.

The scanner has no motorised moving parts ensuring maximum reliability and low maintenance.

Features

- Reads codeline and RF data from e-MRTDs. Automatically detects and uses Basic Access Control (BAC). Also reads codelines from conventional passports, visas and other ICAO standard travel documents.
- Captures MRZ and RF data in a single operation – just open the book and place the data page on the scanner glass
- No moving parts, single handed operation
- High speed USB2.0 interface
- Small footprint - measures only 7.9" x 7.5" (200mm x 191mm)

Options

- "Read and display" software in local languages.
- Open document hood

Technical Specifications:

Model Ref: RTE8000 e-Viewer

Light Source:

Infra-red(B900) light emitting diode.

Read Capabilities - (OCR codelines):

- Machine Readable Passports (MRP), 2 lines of 44 characters to ICAO Document 9303.
- Machine Readable Visas (MRV), 2 lines of 44 (full size), 2 lines of 36 (size II) to ICAO Document 9303.
- Machine Readable Travel Cards, 2 lines of 36 (size II), 3 lines of 30 (size I) to ICAO Document 9303.
- Other travel documents and ID cards which comply with ICAO Document 9303 standards.
- RF Reader (Contactless Chip):
- Fully integrated ISO 14443 Type A & B compatible RF reader for e-MRTDs. Supports autodetection, anti collision, high speed transmission.

Host Interface:

USB2

Auxiliary Device Interfaces:

USB2

Operator Indicators:

2 user LEDs including power / self test indication.

Power Requirements:

Universal input external power supply:

AC Input: 100-240 Vac, 50-60 Hz, DC Output: 12 Vdc,3A max

Dimensions:

Depth	200 mm	(7.9")
Width	191 mm	(7.5")
Height	158 mm	(6.2")
Weight	2.1 kg	(4.6 lbs)

Environmental:

Operating Temperature 5 °C - 35 °C (40 °F - 95 °F)

Operating Humidity 40% - 90% RH (non-condensing)

Host System Requirements:

Pentium P4 1.5 GHz class running Windows 2000 or XP, 256Mb RAM, 40Mb HD space.

Compliance:

FCC, CE, UL certified.

Supplied Host Software:

Full software suite including TCP/IP interfaces, network configuration and reader configuration utilities.

SDK:

Full SDK including dlls, ocxs and demonstration programs. Support for Visual C++, Visual Basic, Borland Builder and Delphi.

Acknowledgements:

All trademarks acknowledged.

Specifications subject to change without notice. E & OE 09/07.



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