


3M Rochford Thompson
Advanced Solutions



RTE2501

Portable Passport Reader
with bluetooth™

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Portable Passport Reader with Bluetooth™

The RTE2501 is the world's first portable passport reader to feature Bluetooth wireless data transmission. The reader is designed specifically for mobile applications and fits neatly on standard issue belts typically worn by police and border guards. It is also ideal for use by security profiling agents and other airport staff.

The reader captures OCRB codelines from all Machine Readable Travel Documents which conform to the international standard specified by ICAO in Document 9303. This includes passports, visas and many styles of travel and ID cards.

Designed for maximum portability, ease of use and reliability, the RTE2501 provides fast and efficient data capture on the move. Bi-directional hand-swipe operation makes the reader simple to use with virtually no operator training.

Battery operation enables document capture in difficult locations, for instance queues, kerbside, ships, trains and vehicles. In fact anywhere you can send a person to check documents. Once captured, the data can be transmitted to a PDA or rugged terminal carried by the agent or stored in non-volatile memory within the reader for later uploading to a host system.

When not being worn on a belt the reader can also be used as a standard desktop device or hung on the wall with an optional mounting bracket.

Features

- Reads passports, visas and other documents conforming to ICAO Document 9303
- Bi-directional hand-swipe operation
- Bluetooth wireless data communications, range up to 10 metres
- Battery powered, external charger
- Designed to be worn on a belt for mobile applications
- No moving parts - high reliability and low maintenance
- Battery life - 16 hours using Bluetooth with permanent connection. Life increases to 1 month standby or 2,000 reads when using optional RS232 or USB interface

Options

- RS232 or USB interface via cable in place of Bluetooth
- Wall or desk mounting brackets
- Data storage in non-volatile memory for batch upload to host

Technical Specifications

Model Ref: RTE2501

Part Number: 00-2501-01

Document Transport:

Bi-directional hand-swipe.

Read Capabilities:

- 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.

Media thickness:

Up to 1.5 mm (0.059")

Standard Host Interface:

Bluetooth V1.1 using Serial Port Profile with encryption and PIN code access. Reader usually acts as server.

Optional Host Interfaces

RS232 Serial, user configurable: 4800, 9600, 19200, 38400 baud. 7 or 8 bit data. even, odd or no parity.

USB (drivers supplied for Windows '98, 2000 and XP)

Communication Protocols:

RTE Standard or customer defined.

Operator Indicators:

Power LED, read status LED.

Power source:

Internal battery pack, 6 x AA Ni-MH rechargeable batteries (supplied)

Power Requirements:

External 12Vdc charger.

Dimensions:

Length	180 mm	(7")
Width	40 mm	(1.6")
Height	170 mm	(6.7")
Weight	0.87 Kg	(1.9 lbs)

Environmental:

Operating Temperature 5 °C - 40 °C (40 °F - 104 °F)

Charging Temperature 15 °C - 30 °C (60 °F - 86 °F)

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

Acknowledgements:

All trademarks acknowledged.

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



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