

3M Rochford Thompson  
Advanced Solutions



# RTE6701

## Passport Reader

The RTE6701 is a highly efficient, compact passport reader designed for use by Immigration Authorities, Border Control Police and International Airlines.

In a simple hand-swipe operation the reader captures the OCRB codelines from all Machine Readable Travel Documents which conform to the international standard specified by ICAO in Document 9303. This covers Machine Readable Passports (MRP), Visas (MRV), and OCRB encoded cards such as the US Resident Alien card and various national ID cards.

Designed to suit busy, space restricted environments, the RTE6701 provides fast and efficient data capture. Hand-swipe operation makes the reader simple to use and its wide tolerance to varying swipe rates ensures a very high first time read rate. This makes the reader an ideal choice for "self-service" use by the general public. Use of the RTE6701 by international airlines enables their passengers to enjoy the clearance benefits of Advance Passenger Information Systems (APIS).

The RTE6701 has fully integrated electronics and absolutely no moving parts which makes it highly reliable and virtually maintenance free.

The compact design of the RTE6701 gives a very small footprint and, mounted at almost any angle, it can be integrated into the smallest immigration or check-in desk environment. Host connection is via an RS232 interface or keyboard wedge and the industry standard interfaces allow simple integration into existing systems.

### Features

- Reads passports, visas and other documents conforming to ICAO Document 9303
- Simple hand-swipe with wide speed tolerance requires minimal operator training
- High first time read rate
- Small footprint with fully integrated electronics
- No moving parts, giving superior reliability and virtually maintenance free
- Simple connectivity – RS232 or PC keyboard wedge
- Extensive configurability with program download for easy field upgrade and alternative host interfaces
- Desktop or wall mounted operation

### Options

- Rotating, angled desk stand – hides cables, reduces theft
- Wall or shelf mounting brackets
- Add-on magnetic swipe reader (RTE654 ATB)

### Technical Specifications

**Model Ref:** RTE6701

**Part Number:** 00-6701-XX

**Document Transport:**

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.
- Bankers cheques, MICR E13B encoded to ISO 1004.
- IATA ticket (TAT and ATB) fonts 407-E, 1403M, OCRB and OCRA.
- Barcoded TAT & OPTAT documents conforming to IATA Industrial 2 of 5 barcode standard.

**Media thickness:**

Up to 1.5 mm (0.059")

**Standard Host Interfaces:**

User Configurable RS232 Serial: 300, 1200, 4800, 9600, 19200 baud. 7 or 8 bit data. Even, odd or no parity

**Keyboard Wedge:** Internal PC/AT, PS/2.

**Optional Interfaces:** USB and dumb terminal.

**RS-232 Serial Protocols:**

RTE Standard, CUTE/NT Plus, MUSE/NT, CREWS, TECS or customer defined.

**Operator Indicators:**

User LED, power / self test LED and buzzer.

**Power Requirements:**

Universal input external power supply:

AC Input: 100 - 250 Vac, 47 - 63 Hz DC Output: 5 Vdc

**Dimensions:**

Length	228 mm	(8.9")
Width	85 mm	(3.3")
Height	82 mm	(3.2")
Weight	0.7 Kg	(1.5 lbs)

**Environmental:**

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

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

**Acknowledgements:**

CUTE/NT Plus is a trademark of SITA (Societe Internationale de Telecommunications Aeronautiques).

MUSE is a product of ARINC. CREWS is a product of RESA.

All trademarks acknowledged.

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



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