

3M Rochford Thompson
Advanced Solutions



RTE6700

Multi-function Document Reader



RTE6700

Multi-function Document Reader

The RTE6700 is a robust, compact, multi-function reader ideally suited to the demands of the busy passenger processing environment.

With both magnetic and optical reading capability, the RTE6700 captures data from passports, visas, travel cards, TATs, ATB coupons, cheques and magnetic stripe cards.

The RTE6700 facilitates the movement of passengers through terminal buildings and immigration areas. The speed of customer transactions is improved, easing the pressure on check-in desks and ticket counters.

Use of the RTE6700 by international airlines enables their passengers to enjoy the clearance benefits of Advance Passenger Information Systems (APIS). In addition the reader can also capture the Stock Control Number off airline tickets, both TAT and ATB as well as the FSN and Ticket numbers. Integrated 1D barcode reading can capture the IATA barcode from a TAT in the same swipe. This information can be used for ticket fraud prevention, revenue accounting and yield management. The MSR will quickly collect Frequent Flyer, Credit Card and ATB data for uploading to your host computer.

Operation is by simple hand-swipe and a wide swipe speed tolerance ensures a high first time read rate. Its compact design and small footprint make the reader ideal for desktop areas where space is restricted. An optional rotating desk stand increases desk space, improves security, conceals cabling and ensures maximum ease of use.

Industry standard host connections and interfaces allow the RTE6700 to be easily integrated into existing systems.

Features

- Reads passports, visas, travel cards and other documents conforming to ICAO Document 9303
- Magnetic stripe reading of up to four tracks on ATB coupons, Frequent Flyer and Credit Cards
- Reads SCN, TKT and FSN numbers for ticket fraud prevention, revenue accounting & yield management
- 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 – increased reliability and virtually maintenance free
- Simple connectivity – USB, RS232 or PC keyboard wedge
- Extensive configurability with program download for easy field upgrade and alternative host interfaces

Options

- Rotating, angled desk stand – hides cables, reduces theft
- Wall or shelf mounting brackets
- Smart card couplers

Technical Specifications

Model Ref: RTE6700

Document Transport: Hand-swipe.

Read Capabilities (Optical reader):

- 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, OCB and OCRA.
- 1D Barcoded TAT & OPTAT documents conforming to IATA Industrial 2 of 5 barcode standard.

Read Capabilities (Magnetic reader):

4 track ATB in accordance with IATA Resolution 722e for ATB1, ATB2, MCO and MPD coupons.

3 track credit card conforming to ISO 7811/2-5.

Media thickness:

Optical	Up to 1.5 mm	(0.059")
Magnetic	0.15 - 0.94 mm	(0.006 - 0.037")

Standard Host Interfaces: USB serial port profile

Keyboard Wedge: Internal PC/AT, PS/2, or USB HID

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

RS-232 Serial Protocols:

RTE Standard, Certified for SITA, ARINC, RESA and ULTRA Common Use or customer defined.

Operator Indicators:

2 x user LEDs, 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)

Specifications subject to change without notice. E & OE 08/09.



3M Rochford Thompson

The Votec Centre
Hambridge Lane
Newbury, Berkshire
RG14 5TN United Kingdom
Tel: +44 (0) 1635 580666
Fax: +44 (0) 1635 36940
Web: <http://www.passport-scanners.com>

The Americas

3M Canada Company
1545 Carling Avenue, Suite 700
Ottawa, Ontario
Canada K1Z 8P9
Tel: +1 613 722 2070
Fax: +1 613 722 2063
Web: <http://www.3m.com/security/en>

Asia, Pacific and Australasia

3M Asia Pacific Pte Ltd
Security Systems Division
1 Yishun Avenue 7
Singapore 768923
Tel: +65 6450 8888
Fax: +65 6458 5432

© 3M 2009. All rights reserved.
3M is a trademark of 3M

3M Rochford Thompson is a trading
name of 3M United Kingdom plc