

low frequency rfid evaluation kit

SERIES 2000 S251B EVALUATION KIT

The easy to use “plug and play” Low Frequency 134.2kHz Evaluation Kit gives you the opportunity to explore the capabilities of TI-RFID™ Radio Frequency Identification (RFID) technology brought to you by Electro-Com RFID Technologies Australia.



The core of this LF Evaluation Kit is the Series 2000 reader which includes a Dynamic Auto Tuning (DAT) feature that automatically tunes to a standard TI-RFID antenna to resonance and keeps it tuned during operation.

The reader has a standard serial interface (RS232, RS422/485) that can be linked to a computer and allows you to read and write to tags using the demonstration software provided in this kit.

The Electro-Com Series 2000 Evaluation Kit also comes with a variety of Read Only (R/O) and Read/Write (R/W) tags.

Items in this kit include the following:

Item	Part Number	Description	Quantity
S251B Reader	RI-STU-251B	S251B Reader with DAT RS232/422/485	1
Power Supply	MP-3212	13.5Vdc, 1.8A Non-Regulated	1
Comms Cable	WC-7534	RS232 D9 F/M (2m) Cable	1
Gender Changer	PA-0901	D9 F/F Gender Changer	1
TAGS			
12mm Wedge	RI-TRP-R9WK	12mm Wedge (R/O)	5
32mm Glass	RI-TRP-RR2B	32mm Glass (R/O)	5
30mm Disk	RI-TRP-R9QL	30mm Disk (R/O)	5
Card	RI-TRP-W4FF	Card (R/W)	5
85mm Disk	RI-TRP-W9UR	85mm Disk (R/W)	1
MOM	RI-TRP-W9VS	Mount On Metal tag (R/W)	1
120mm Cylinder	RI-TRP-W9TD	120mm Cylinder (R/W)	1
Glass Plastic Carrier	RI-ACC-T006A	Plastic carrier for 32mm glass	1
ACCESSORIES			
Screw Driver	TD-2201	4.0mm Flat Screwdriver	1
CD	251B CD	Instructions, Manuals & Software	1

The Evaluation Kit comes with your choice of antenna:

Part Number: RI-251-S01C: Evaluation Kit with stick antenna (1m cord)

Part Number: RI-251-G02E: Evaluation Kit with small size gate antenna (1m cord)*

Part Number: RI-251-G01E: Evaluation Kit with medium size gate antenna (1m cord)**

* Small gate antenna gives you approx. double (x2) read distance than what stick antenna can offer.

** Medium sized antenna gives you approx. quadruple (x4) read distance than what stick antenna can offer.



electro-com

[Electro-Com (Australia) Pty Ltd |
PO Box 190, Mt Waverley Vic, 3149.
p.1300 130 806 f.1300 130 807
rfid@electrocom.com.au www.rfid.com.au

