

Wireless RS232 Interface Board

TDi2 interface board enables a cable free transparent data link between RS232 ports without any additional interface circuitry.

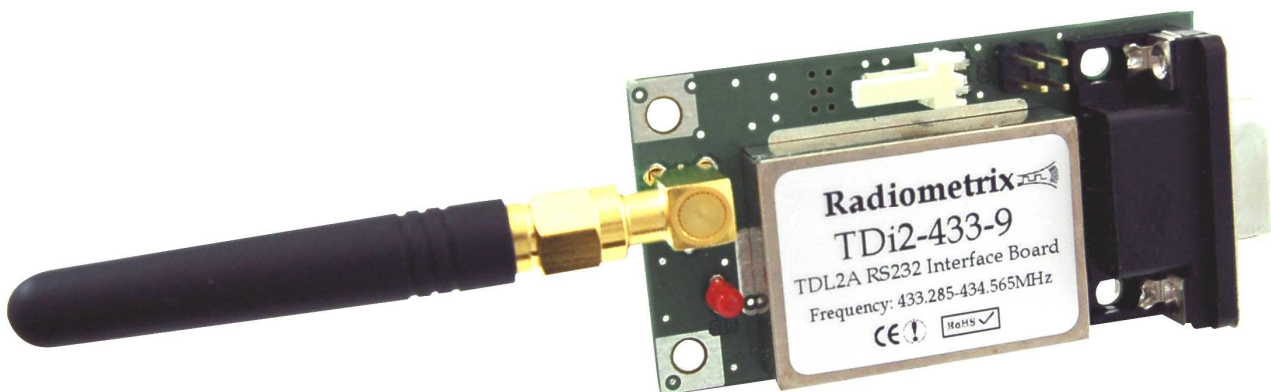


Figure 1: TDi2-433-9

The interface board features an on-board TDL2A-433-9 OEM serial modem, MAX232 RS232 driver, 9-way D connector, 5V voltage regulator and SMA RF connector, hence requires just a voltage supply to power up and operate without any additional interface circuitry. The TDL2A modules would be soldered directly on to the interface board for better grounding and to improve RF performance. The helical antenna and the SMA connector shown are optional. User could also use a two-pin terminal block instead to mount a 1/4 whip antenna made of a piece of wire or metal rod.

Features

- RS232 driver and DB9F connector for direct interface to PC serial port
- Serial modem baud rate at 9600bps (half-duplex)
- Addressable point-to-point
- 5 serial select wideband channels
- Carries ASCII and RTU MODBUS messages
- Access to internal diagnostic/Test modes using HyperTerminal
- On-board SMA antenna connector
- Signal LED for visual indication of valid code received
- Supply range: 5 - 15V @ 28mA (transmit), 22mA (receive)
- Setup is simple as Plug-and-Play
- Set-up and configuration using HyperTerminal
- Conforms to EN 300 220-3 and EN 301 489-3
- Size: 61mm x 33mm (excluding helical antenna length of 55mm)

Applications

- Handheld / portable terminals
- PDAs, organisers & laptops
- Industrial telemetry and telecommand
- In-building environmental monitoring and control
- Remote data acquisition system, data logging
- Fleet management, vehicle data acquisition

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The Intrastat commodity code for all our modules is: 8542 6000

R&TTE Directive

After 7 April 2001 the manufacturer can only place finished product on the market under the provisions of the R&TTE Directive. Equipment within the scope of the R&TTE Directive may demonstrate compliance to the essential requirements specified in Article 3 of the Directive, as appropriate to the particular equipment.

Further details are available on The Office of Communications (Ofcom) web site:

<http://www.ofcom.org.uk/>

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