RADIOMETRIX

RS232 Radio Interface Board
Enables implementation of simple, 9600 baud wireless data link

Press Release, 7th July 2008

The TDi2 from Radiometrix is a RS232 interface board which combines a TDL2A 433-9 OEM multi-channel wireless modem module (operating at a half-duplex serial data rate of 9600bits/s), an RS232 driver, a 9 way DB9F connector, helical SMA aerial and power connectors, and a local 5V voltage regulator.

A pair can be used as a serial RS232 cable-replacement in many 9600baud half-duplex applications. It just needs to be hooked up to a 6 to 15V power supply, and it operates without the need for any additional interface circuitry. Status LEDs indicate reception of valid data packets, and power 'on', and it can be enabled by DTE asserting DTR.

The synthesizer based TDL2A module operates on 5 non-overlapping frequencies in the 433MHz European ISM band with option to choose 8 addressed point-to-point links. It's -107dBm sensitive receiver and full 10mW transmit output power combine to offer a typical range of well over 200m

This compact (61x33mm, excluding the antenna), highly integrated wireless device is particularly suitable for portable applications such as remote data acquisition and industrial telemetry systems, and interfaces easily to handheld terminals, PDAs, laptop computers, and data loggers.

The TDi2 conforms to both EN 300 220-3 and EN 301 489-3 standards.

TDi2, RS232 Interface Board

About Radiometrix

Established in 1985 and headquartered in London, Radiometrix continues to be recognised as the leading global developer of narrow and wideband radio communication modules. Our diverse product range is suitable for a wide variety of licensed and licence-exempt ISM/SRD wireless applications, and is available worldwide through our global sales and distribution network.

For more information on the company, please visit our website:
www.radiometrix.com

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