



PRESS RELEASE

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connectBlue releases Bluetooth I²C Bus Adapter

connectBlue today releases a Bluetooth based I²C (Inter-Integrated Circuit) OEM adapter which enables a cost-efficient and easy-to-use wireless solution when connecting devices such as displays, sensors and signal converters.

I²C is a multi-master serial computer bus that is used to attach devices to, for instance, an embedded system. By connecting the new Bluetooth I²C Bus Adapter from connectBlue to the I²C bus, the customer does not have to connect the I²C master device directly to the I²C bus. Instead, the new adapter implements the master side of the I²C bus interface and via Bluetooth functionality makes it possible to wirelessly enable a number of slaves on an I²C bus. The “original” I²C master implements a simple I²C look-alike protocol based on the Bluetooth serial port profile (SPP). The master device can then access all I²C slaves available on the I²C bus over Bluetooth wireless technology.

“The advantage of a bus connection is how it logically can connect multiple devices over the same set of wires; and via our new Bluetooth I²C Bus Adapter, it can now make this connection wirelessly,” said Rolf Nilsson, President of connectBlue. “Thus, when you connect mobile or temporary devices or when you want to overcome complicated and costly installations of displays and sensors, the Bluetooth I²C Bus Adapter provides an efficient and easy-to-use solution..”

With a few additions, the Bluetooth I²C Bus Adapter is configured using the same AT commands as the connectBlue standard Serial Port Adapters. Typically, the adapter is pre-configured using a toolbox or AT commands, and then mounted and used for reading and writing data to and from the slaves on the I²C bus. It is also possible to use the Bluetooth I²C Bus Adapter more dynamically and/or to re-configure it over air.



Caption:

The new Bluetooth I2C Bus Adapter from connectBlue enables an easy and cost efficient way for wireless connection of I2C-interface based devices like displays, sensors and signal converters.

About connectBlue

connectBlue is a leading provider of wireless solutions for demanding applications in segments like industrial automation, medical, instrumentation, diagnostics, logistics / transportation, vehicles and point of sales. Based on Bluetooth® technology, WLAN and 802.15.4, connectBlue provides ready-to-use products and modules as well as custom design solutions in both hardware and software. connectBlue was founded in 2000 and has offices in Malmö, Sweden and Chicago, USA. For more information, please visit www.connectblue.com

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