shimmer
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Span Platform

Price: €70.00

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Description	Images	Specifications	Similar Products

The Span platform provides a USB plug-in 802.15.4 adapter.

Description

Span is a 2.4 GHz IEEE 802.15.4 radio module that plugs into the USB port on computing devices. Span enables distributed computing systems using low-power standards based communication with devices like Shimmer. It will work with a laptop and many smaller mobile devices. Span uses the popular combination of an MSP430 processor and a CC2420 radio transceiver. Dedicated FTDI USB UARTs are utilised for communication and programming, with the unit be housed in an attractive and extremely compact enclosure.

Key Features

The Span platform adds low power 2.4GHz 802.15.4 radio communication to computing devices, and has an open source software library. Span doesn't block adjacent USB ports when in use, and there is FTDI UART driver support in Windows, Linux, Mac and other popular Operating Systems. Shimmer supports the mainstream TinyOS CC2420 radio stack and our own IP-over-802.15.4 stack. Span has received FCC, ETSI, Industry Canada and CE Certification.

Applications

Wireless Sensor Networking

Data acquisition Systems
Home Automation
Education

Download the Span Plaform Data Sheet.

Code: SH-SPAN-KIT-001

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