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TDK Bluetooth Products

TDK offers a range of industrial and consumer Bluetooth products for our customers. The products that we feel are most beneficial are discussed in this document.

Blu2i BISM (Bluetooth Intelligent Serial Module)



Most electronic equipment that gathers data has a serial port for offloading that data. This generally requires a hard wire connection by means of a serial cable. The TDK BISM is a module that can be incorporated into an existing design to provide a wireless serial connection between two devices. This allows for the remote gathering of data as well as eliminating cumbersome wires. The module is also programmable using modem style Hayes AT commands. This allows for greater freedom in altering the function of the BISM. The module has 2 analog lines configurable as input or output and allows for simultaneous voice and data transmission. The BISM module also has a built in antenna.

Blu2i PCMCIA Card

This product is similar to the BISM except that instead of being an on board design the PCMCIA card fits directly into an existing PCMCIA slot. This card is also fully programmable using Hayes AT commands. All of the software stack is built into the card and no external drivers or software are required.



Go Blue USB Adaptor



This device connects to the USB port of a laptop or desktop and can be used as a transmitter/receiver to communicate with other Bluetooth devices (e.g. partner with BISM module). This product does not have the built in software stack and requires additional drivers. The drivers are included on a CD that comes with the adaptor. This product can also be used to communicate with any other Bluetooth device, industrial or commercial.

PC Card +

This card is identical to the Go Blue USB Adaptor except that it attaches to the PCMCIA slot of a laptop or desktop. The PC Card can be used as a transmitter/receiver and comes with all of the necessary drivers.

[Blu2i USB Adaptor](#), [Blu2i RS232 Adaptor](#), [Blu2i Powered RS232 Adaptor](#)

All of these products are still under development at this time. More information will be provided as it becomes available.

[TDK Bluetooth Developer's Kit](#)

This product contains all of the materials needed to incorporate the TDK BISM into an existing or new design. The kit contains the following:

- 1 BISM module
- 1 Motherboard
- 1 Power supply for motherboard
- 1 Serial cable
- 1 Go Blue USB adaptor
- 2 CDs with necessary software

By taking advantage of the dev kit most users are able to create a working prototype of their product in a day's time.