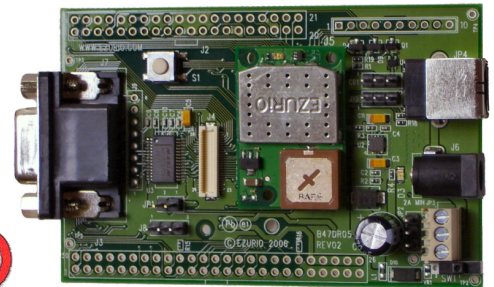


EZURiO

Product Brief

DEVELOPMENT KIT



The EZURiO Development Kit is designed to support the rapid development of hardware, applications and software for the EZURiO range of BISM II Bluetooth Intelligent Serial Modules and WISM Wireless LAN modules. The EZURiO development kit is available in five options to cover the widest range of wireless technologies, including hardware support for development of applications for the Siemens MC55 GSM GPRS modules.

Each option includes all the cables, software and documentation required to get your wireless developments quickly and rapidly underway.

Key Features

- Development environment supports the rapid development of application for the:
 - EZURiO Bluetooth Intelligent Serial Module BISM II
 - EZURiO Wireless LAN module WISM 802.11 SLIP
 - EZURiO Wireless LAN Module WISM 802.11 TCP/IP
 - Siemens MC55 GSM GPRS module
- 40 and 50 way Hirose sockets
- Plated through connections to access every pin of either module
- Choice of power options
 - Powered from a standard USB connection – cable supplied
 - Power from pin 9 of the RS232 serial connection – cable supplied
 - Optional access for an external 5v power supply through either:
 - 2.1 mm power socket
 - Screw terminals¹
- Built in RS232 Level shifter
- EZURiO terminal software
- Jumper link for current measurements
- Access to all 40 and 50 way module pins via through plated header holes
- Jumper for low power RS232 level shifter mode
- Dedicated PCM port for quick audio application development (Bluetooth only)
- On board power regulation
- Lead free – RoHS compliant

The EZURiO development kit is a complete environment for quick and easy development and includes all the hardware, software, cables and instructions required to complete any project.

| PART NUMBER | OPTION | BISM2 | WISM SLIP | WISM TCP/IP | USB2 |
|--------------|--------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| BISDK02BI-00 | | | | | |
| BISDK02BI-02 | | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| WISDK01BI-01 | | | <input checked="" type="checkbox"/> | | |
| WISDK01BI-02 | | | | <input checked="" type="checkbox"/> | |
| BISDK02BI-03 | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> |

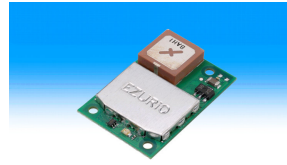
For further information please visit our website at www.ezurio.com

Alternatively contact: sales@ezurio.com

Bluetooth is a trademark owned by Bluetooth SIG, Inc., USA and licensed to EZURiO Ltd.

Features

| Features |
|---|
| Supports Bluetooth, Wireless LAN and GSM GPRS development |
| Built in RS232 level shifter |
| Selectable power source – RS232 pin or USB |
| Selectable low power RS232 level shifter |
| Support for an external 5v power source |
| Supply break to module for current measurements |
| Access to all module pins |
| Dedicated PCM connection |
| EZURiO terminal application |
| Lead free RoHS compliant |



Key benefits

| | | | |
|---|--|---|--|
| Extensive technical support | Terminal application for simple interfacing with the modules | Everything required to start development is included in the kit | Robust simple access to all key components aiding development time |
| Built in RS232 interface and optional USB interfacing | Self contained development environment | Supports Siemens MC55 GSM GPRS modules ¹ | Fastest time to market |

Development Kit Contents

| All kits contain the following items | |
|--------------------------------------|--|
| Development Board | The mother board is used to mount your chosen wireless module, providing the RS232 interface and access to all the module interface pins. |
| USB cable | USB cable used to provide power for the dev kit via the onboard connector. |
| Serial cable | RS232 interface cable to provide the communication between your host pc and your choice of wireless module. The serial cable can also be used as an option to power the motherboard and module from pin 9. |
| Bluetooth USB adapter | Versions of the Development Kit which include a Bluetooth module include a FREE USB Bluetooth adaptor and Windows protocols stack. |
| Three Mounting Spacers | Mounting spacers for securing your choice of Bluetooth or Wireless LAN module to the motherboard |
| EZURiO terminal application | PC based terminal emulation software, specifically designed to help the development and diagnostics of applications on the EZURiO range of modules |
| Documentation | A development kit user guide, board design circuit diagrams and a quick start guide |

The details contained within the document are subject to change; please download the product specification available from www.ezurio.com for the most up to date specification

¹ When using the Siemens GSM GPRS module you must use an external power source capable of supply 2A current.

For further information please visit our website at www.ezurio.com

Alternatively contact: sales@ezurio.com

Bluetooth is a trademark owned by Bluetooth SIG, Inc., USA and licensed to EZURiO Ltd.