

AUREL ZigBee® Development Kit

for wireless mesh networks configuration

AUREL is pleased to introduce to those who believes in wireless technology, a new product able to create and manage, through the optimizing network traffic and minimizing power consumption, a radio communication network based on a MESH topology, keeping low costs of maintenance and installation.



Features

- 1 Demo Board XTR-ZB1 coordinator with XTR-ZB1-CLI module
- 4 Demo Board XTR-ZB1 router
- 4 XTR-ZB1-RLI modules, serve as Routers.
- 1 Software, Drivers, and Documentations CD
- 1 Instruction Manual
- 1 USB cable
- 1 set of 10 AA 1,5V batteries granted for DemoBoard XTR-ZB1 router power supply

Demo Board XTR-ZB1 router, besides its reduced size (100 x 58mm), allow the users to set up different customized configurations, thanks to a series of analogue and digital I/O interfaces listed here below:

- 2 Trimmers
- 3 Dip Switches
- 1 Connectors 10 PIN
- 1 Connectors 20 PIN
- 4 LEDs



AUREL ZigBee is the easy way!



Thanks to the partnership with ZigBee Alliance, AUREL is on the top to this technology development.

Key advantages

- Reduced time-to-market
- Flexible network, suitable for all applications
- Easy to use
- Transmission through hostile environments
- Automatic channel switching
- Smart application software
- Connectable to any client platform



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Development kit features

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Thanks to an Hardware platform XTR-ZB1 integrated by System-on Chip CC2430 featured by TEXAS Instruments, and an OCX software with Visual Basic Client interface, AUREL has provided its kit.

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Wireless ? AUREL ZigBee is the easy way!

This kit developed by AUREL S.p.A, gives to all the users the chance to achieve the goal in a fast, cheap and satisfactory way.

A suitable instrument for any kind of needs, that met its applications in many different fields where is required a low Data Rate.

Thanks to the partnership with the ZigBee Alliance, AUREL fills the top in the development of this revolutionary technology.

All the informations, before transmitted via cables, with AUREL ZigBee will pass through this wireless net.

