Bluetooth low energy wireless technology is rapidly changing how the wireless world connects. Consuming only a fraction of the power of Basic Rate/Enhanced Data Rate (BR/EDR) Bluetooth wireless technology, Bluetooth low energy (Bluetooth Smart technology) will allow hundreds of millions of new wireless devices to interoperate within the Bluetooth ecosystem. From watches, sports and fitness devices, to wellness, healthcare and more, Bluetooth Smart technology is expected to greatly accelerate the wireless evolution.

Tiny Footprint, Huge Tracks

In an increasingly mobile world, it’s more important than ever that developers’ tools are just as mobile as the devices and technologies they’re creating. Frontline puts problem-solving literally in the palm of your hand with the Frontline BPA low energy Bluetooth Protocol Analyzer. Smaller than a deck of cards and running on USB power, the Frontline BPA low energy packs a serious punch, decoding all traffic including advertising packets, data packets and LL control packets, and providing visibility into all three advertising channels concurrently, even before the connection is established. A single BPA low energy follows multiple connection requests from the same master to capture the resulting connections. Supports low energy features through Bluetooth 4.2 except optional extended packet length.

But powerful tools don’t have to be hard to use. With the Frontline BPA low energy, setup is easy and requires no synchronization to devices - just start capturing. Working with custom protocols? No problem. The BPA low energy includes DecoderScript, which allows specifying decodes for custom protocols.

The Frontline BPA low energy Bluetooth Protocol Analyzer is the first name in portable, USB-powered, and affordable Bluetooth low energy analysis, and features the rich decoding toolset represented by the powerful software at the core of our Frontline family of developer-class protocol analysis products.
The Frontline BPA® low energy Hardware Interface

The Frontline BPA low energy Protocol Analyzer includes the portable BPA low energy hardware interface, which supports the wireless capture of Bluetooth low energy communications.

The BPA low energy hardware interface is one member of an extensive arsenal of technology-specific hardware interfaces, all functioning with the powerful Frontline software. This modular approach allows greater flexibility in protocol analysis and debugging, and provides comprehensive coexistence views over virtually any combination of protocols.

Supported Configurations

- OS Supported: Windows 7, 8 and 10
- USB Port: USB 2.0 or USB 3.0 High-Speed

Minimum System Requirements

- Processor: Core i5 processor at 2.7 GHz
- RAM: 4 GB
- Free Hard Disk Space: 20 GB

To order or for more information:

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