



Bluetooth Vanguard Major Features

Bluetooth Vanguard is an all-in-one, fully integrated system supporting wideband (all channels) capture and analysis of Bluetooth Classic (BR/EDR), Bluetooth Low Energy (LE), plus concurrent Wi-Fi 3x3 11ac, all 16 WPAN (IEEE 802.15.4) 2.4 GHz channels, raw ISM spectrum capture, Bluetooth host controller interface (HCI) protocols (USB, UART, and SPI), Audio I2S, WCI-2, and generic protocols including UART, SPI, I2C and SWD, all visualized over the widely adopted Ellisys software suite.

Bluetooth Vanguard supports one-click concurrent, synchronous capture of the wired and wireless communications technologies listed below. Vanguard is sold in several field-upgradable configurations to meet customer requirements and budgets.

Wireless Capture

- 2x(*) Bluetooth Low Energy (125kbps, 500kbps, 1Mbps, 2Mbps, all 40 channels concurrently)
- 2x(*) Bluetooth Classic (BR, EDR2, EDR3, all 79 channels concurrently)
- Wi-Fi IEEE 802.11a/b/g/n/ac (3x3, 20 / 40 / 80 MHz)
- WPAN IEEE 802.15.4 (all 16 2.4GHz channels concurrently)
- 2.4 GHz Raw Spectrum Energy

* Bluetooth Capture Diversity

Wired Capture

- Bluetooth Host Controller Interface Communications (UART, USB, SPI)
- General Purpose Logic Signals
- Audio I2S
- Wireless Coexistence Interface 2 (WCI-2)
- Generic Communications (UART, SPI, I2C, SWD)

Connectivity (Power and Control)

- USB Power Delivery (30W)
- SuperSpeed USB 3.1 (5Gbps)
- Ethernet 1GbE
- Power Over Ethernet+ (30W)

For more information on features in each configuration, visit: <http://www.ellisys.com/bv1/purchase.php>



Availability, Product Photos, and Information

Bluetooth Vanguard is available for immediate purchase with shipments 2-4 weeks from order placement. Various configurations are provided to meet a variety of customer price and feature requirements. These configurations are provided in a series of editions, including *Standard*, *Professional*, and *Enterprise*. For more information, including software downloads, please contact sales@ellisys.com or visit <http://www.ellisys.com/bv1>

A high-resolution picture of the product is available at the following link:

http://www.ellisys.com/bv1/images/bv1_unit.png

About Ellisys

Ellisys is a leading worldwide supplier of advanced protocol test solutions for Bluetooth®, Wi-Fi®, USB 2.0, SuperSpeed USB 3.1, USB Power Delivery, USB Type-C™, DisplayPort™, and Thunderbolt™ technologies. More information is available on www.ellisys.com.

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World Class Protocol Test Solutions for Bluetooth, USB, and Wi-Fi

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