

## PRESS RELEASE

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## **Yokogawa Releases the busXplorer USB 2.0 Compliance Test Solution**

The busXplorer USB 2.0 Compliance Test Solution was developed for designers of products incorporating the USB interface, who want an easy-to-use, lower cost compliance test solution to ensure that their designs meet all USB specifications as defined by the USB Implementers Forum, Inc. (USB-IF).

busXplorer-USB consists of a USB test fixture and USB Compliance Test software that work together with a Yokogawa DL9200 digital oscilloscope controlled by a PC via Ethernet. The solution performs all Hi-Speed device, host and hub electrical tests and Legacy (Low and Full-speed) tests, as defined by the USB-IF.

### **USB Test Fixture**

The USB test fixture consists of USB connectors for attaching the device, host or hub being tested, and includes easy-to-access test points for the various active, differential and current probes used for testing.

### **USB Compliance Test Software**

The user-friendly USB Compliance Test software provides explicit, step-by-step instructions, including diagrams of device-to-test fixture connections, for quickly and easily completing the compliance tests indicated above. The software enables users to perform detailed waveform troubleshooting and analysis by linking to Yokogawa's Xviewer Waveform Analysis software (sold separately) and organizes test results by creating and automatically naming a report for every test of each device.

## **DL9200 Digital Oscilloscopes**

The 1.5 GHz bandwidth DL9200 offers long memory (up to 6.25 Mpoints per channel on four channels), fast sampling (up to 10 GS/s), advanced triggering and detailed waveform search capabilities. The DL9200, combined with current probes and high bandwidth active and differential probes, is an accurate, high-performance system with advanced waveform analysis capabilities and is ideal for USB 2.0 testing and general-purpose lab use. Additionally, the DL9200 offers triggering on, and analysis of, lower speed serial data buses including I<sup>2</sup>C, SPI, SM, CAN, HDMI, UART and others.

## **Major Target Markets and Applications**

- PC peripherals
- Consumer electronics
- Digital audio and video equipment
- Any products that include a USB 2.0 interface

## **About Yokogawa**

Yokogawa's global network of 18 manufacturing facilities, 83 companies, and over 650 sales and engineering offices spans 28 countries. Since its founding in 1915, the US\$4 billion company has been engaged in cutting-edge research and innovation, securing more than 7,000 patents and registrations, including the world's first digital sensors for flow and pressure measurement. Industrial automation and control, test and measurement, information systems and industry support are the core businesses of Yokogawa. For more information about Yokogawa, please visit our web site at [www.yokogawa.com](http://www.yokogawa.com)

## **About Yokogawa Corporation of America**

Yokogawa Corporation of America is the North American unit of \$4 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control, and automation solutions. Headquartered in Newnan, Georgia, Yokogawa Corporation of America serves a diverse customer base with market-leading products including analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, meters, instruments, distributed control systems, and more.

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