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Ellisys announces the USB Explorer 260 protocol analyzer designed for USB 3.0

Multifunction protocol analyzer and packet generator with automated compliance testing is an industry first; also packs the power for 5 Gbps USB 3.0 Super-Speed testing.

Geneva, Switzerland — November 7, 2007 — Ellisys, a leading supplier of test solutions for USB, Certified Wireless USB and the WiMedia Platform, today announced the new multifunction USB Explorer 260 protocol test system. This new Ellisys product has industry-leading capabilities and is able to:

- analyze any USB 1.1 or USB 2.0 link, including OTG and IC-USB;
- emulate USB hosts and devices;
- inject pre-defined error patterns for stress and error recovery testing; and,
- verify the compliance to the USB specification.

The Ellisys USB Explorer 260 is available in three configurations. Each flexible hardware unit is capable of acting either as a protocol analyzer or packet generator depending on the configuration.

The **Ellisys USB Explorer 260 Analyzer** includes Ellisys' extensive analysis features with real-time monitoring, hard-disk data streaming, in-depth class decoding, comprehensive traffic statistics, and powerful triggering and filtering. This product is well-proven for validating device enumeration, solving communication issues, detecting interoperability problems and optimizing performance.

The Ellisys USB Explorer 260 Generator supplements protocol analysis by emulating USB devices and hosts, and by testing corner cases and recovery mechanisms. Reproducible traffic, timing and error scenarios can be created with a powerful scripting environment or captured traffic can be replayed. The Generator supports the industry's first Inline Error Injection feature to insert programmed errors between a host and device to determine the impact of transmission errors. This setup is proficient at stress testing and verifying protocol behavior under rare error conditions.

The Generator includes the **Ellisys USB Pre-Compliance Testing** software. This software controls a generator and an optional analyzer to automatically verify the compliance of devices against the USB specification and the classes specifications such as HID and Mass Storage. Based on the same advanced test methodology developed by Ellisys for WiMedia Alliance compliance testing events, the Ellisys USB Pre-Compliance Testing software interacts with a device under test by executing a suite of tests to generate a compliance report. Any detected issues can be easily debugged using the protocol analysis software.

The **Ellisys USB Explorer 260 Duo** is a flexible bundle of two units that can be used as one analyzer and one generator, two protocol analyzers or two packet generators depending on your testing requirements. More convenient than having both functions on the same unit, this setup allows better sharing of resources and more test flexibility in a team or company.



The USB Explorer 260 is based on the company's new industry-leading hardware platform with 1 GB of memory and a high-performance specialized processor created by Ellisys. Designed with USB 3.0 in mind, the powerful USB Explorer 260 hardware can process the full 5 Gbps throughput of the new Super-Speed mode planned for the USB 3.0 specification. Software upgrade/s to support USB 3.0 additions will be provided free of charge. The Super-Speed link analysis support, which may possibly require an optical fiber rather than copper connection, will be provided through an optional hardware upgrade. This will permit cost-effective re-use -- rather than replacement -- of the EX260 hardware platform as the protocol specification evolves.

Says Mario Pasquali, Co-Founder and President, "The USB Explorer 260 is our most powerful test equipment ever. It has the extra processing power required for USB 3.0's much higher speeds, and its stimulus-and-response testing is the right choice for companies that cannot afford to compromise either time-to-market or product quality."

These unique features make the Ellisys USB Explorer 260 a wise investment when developing USB devices, hosts, software stacks and drivers -- all the way from initial design to final compliance testing.

Availability

The USB Explorer 260 is available now with a delivery time of two weeks. Contact sales@ellisys.com or your local distributor for current pricing and availability.

As per Ellisys' Customer Value Protection policy, an upgrade offer will be announced shortly to assist customers who wish to upgrade their existing Ellisys USB protocol analyzer to a USB Explorer 260 Analyzer or USB Explorer 260 Duo.

Product Photos

A high-resolution photo can be downloaded from: www.ellisys.com/archive/usbex260.gif
A screen shot of the software is available at: www.ellisys.com/archive/usbex260_soft.gif
More information can be found at: www.ellisys.com/products/usbex260/

About Interoperability & Compliance Testing

Interoperability and compliance testing validates that protocol implementations work properly and is an essential step towards commercialization of standards-based products. It ensures consumer products from various manufacturers will operate together seamlessly and so satisfy customer expectations. This type of testing is of particular importance for new emerging communication technologies.



About Ellisys

Ellisys is a Test & Measurement company committed to the design and timely introduction of advanced protocol analysis solutions for USB devices, Certified Wireless USB and Ultrawideband. Developers have been using Ellisys' USB products and solutions for more than five years with great success. With the PC and consumer electronics market moving toward faster interconnection speeds, Ellisys proves once again its commitment to the developers' community. By providing early adopters with the right tools at the right time Ellisys enables these promising markets to grow in a confident manner, and ensures a rapid and wide acceptance of emerging serial interface technologies. For more information, please visit www.ellisys.com.

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