Eltima USB Analyzer v4.0.288.0

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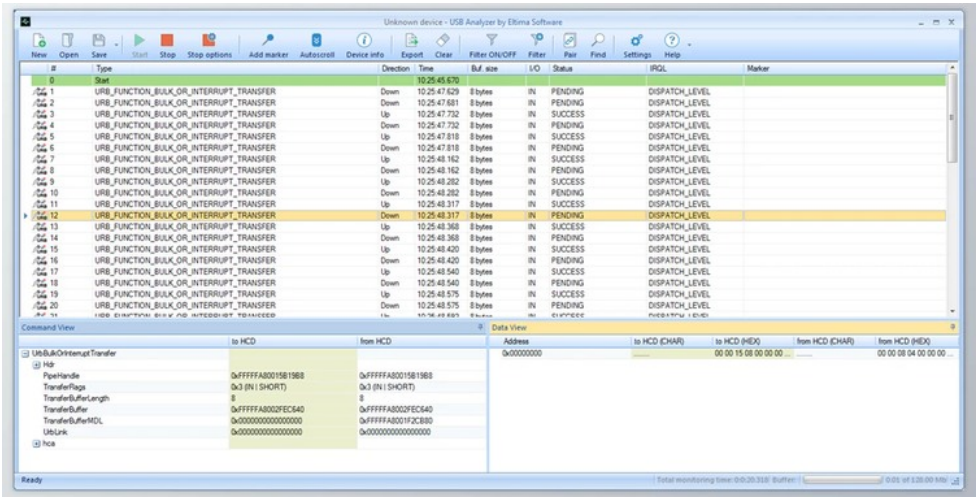

Every computer comes with a minimum of at least one USB (Universal Serial Bus) port to connect to nearly any other machine or device. There is a good chance you will require an analysis of the device you want to connect to. If that's the situation, then USB Analyzer is an excellent application that can monitor and export logs.

USB Protocol Analyzer is a simple, user-friendly USB Data Monitor for Windows. It provides simple yet comprehensive information for monitoring and analyzing the actions from USB devices.
USB Traffic Analyzer can record, intercept, display, and analyze the data coming in or going out from any USB device connected to your computer or application. USB device analyzers effectively develop your apps, USB device drivers, or hardware. It is the essential tool for efficient coding and testing, and optimization.

The possibility is to start the program when the setup process is completed by the instructions that a system reboot is required to examine USB 3.0 ports, and all other ports are ready to go straight away.

A new session must be created first, and a tiny window allows you to select the port you want to connect to and the device. It is possible to select an advanced or straightforward view; the main difference is that the primary view shows devices listed by their name. Quick filters such as plug-and-play, IOCTL, URB, and USB feature can be turned on immediately, and you can also choose to observe the new session from a different window.

The detected device is listed in a table that displays different connected events, with a one-click that can sort the table according to column headers. The two panels were available to display the command view and the data view. This information can easily be chosen and transferred to the clipboard to be processed in other applications.

Further information can be obtained with the click of the button. The window shows information about the device, such as connection index speed, speed, address descriptor configurations, interface endpoint descriptor, and much more. These parameters can be changed and then sent to the clipboard using the appropriate context menu.

If you are monitoring multiple devices, it's simple to apply filters. You can apply filters to all devices and select the components and data transmission to be aware of. The same window can be utilized. However, this one is used to locate particular devices. You can search using the hexadecimal value or by text strings.

One method of exporting information is to select each field through specific menus. But, complete records of operations can be saved in files using TXT, JSON, HTML, XML, and CSV to be processed further.

Eltima USB Analyzer Great Features:

- Interception, recording, display, and analysis of incoming and outgoing data between USB device and application
- All connected USB devices are displayed in a simple list or hierarchical tree view
- Real-time interception of IRPs, URBs, IOCTLs, and data transferred through any USB device stack
- Support for USB root hubs
- Raw hex dump and decoded human-readable view of the data sent to or received from a USB device
- Possibility to add markers to the captured data displayed in the main GUI
- Possibility to filter out the unnecessary information from analyzed data
- Switching between corresponding outgoing and incoming packets
- With a USB 2.0 protocol analyzer, you may sniff the activity on any USB, including the rising USB-C technology devices. Use USB 3.0 analyzer to log your port.
- Possibility to view device info
- Possibility to stop monitoring upon specified data reception
- Convenient search through the captured data
- Saving gathered data in the binary file for later analysis

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去预览

标签

Applications Tools

- Export of gathered data to TXT, CSV, XML, or HTML files
- Multiple USB devices monitoring.

版本列表

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