

**NEW!**

## USB 2.0 or 3.0 Analyzer

### Key Features

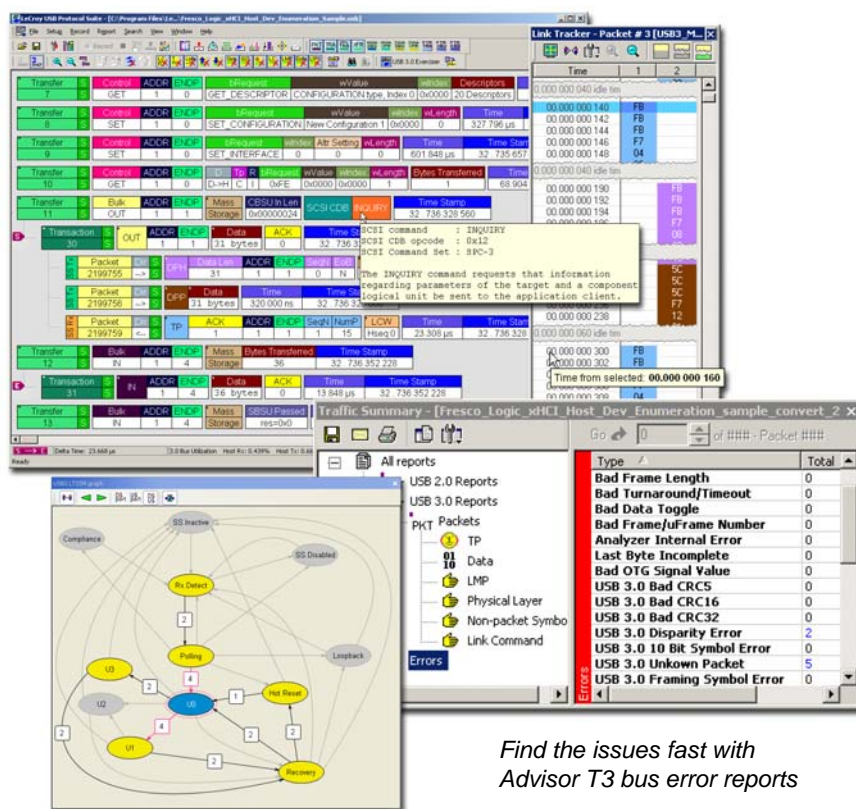
- **CATC Trace™**  
Expand and collapse transactions for fast interpretation of USB traffic
- **2 GB Memory and Spool-to-Disk Capture**  
Extended recording for analysis and problem solving
- **Fast Signal Locking**  
Accurate capture of 5 Gb/s traffic
- **Hardware Triggering**  
Isolate important state changes, specific errors or data patterns
- **Full Class Decoding**  
UAS, Mass Storage, 3.0 Hub, PTP/Still Image, Printer, PictBridge, Media Transfer Protocol (MTP), and all popular USB device classes
- **Raw Bit Recording**  
View and correlate low-level 10-bit symbols
- **Hardware Filtering**  
Automatically exclude non-essential traffic including IDLEs, TS1, TS2, SKPs and link commands
- **Intelligent Reporting**  
Automatically report event metrics and flag over 20 common USB errors
- **LTSSM View**  
Provides a graphical model of the logical link states occurring within a trace
- **Trigger IN/OUT and Sync**  
Trigger external instruments or synchronize timing from multiple Advisor T3 analyzers (cable sold separately)
- **3 Year Hardware Warranty**  
Industry-leading support and warranty



LeCroy's Advisor T3 is an ultra portable SuperSpeed USB 2.0/3.0 analyzer that delivers market-leading accuracy at an extraordinary price. Designed to put precision USB protocol test tools in the hands of every engineer, the Advisor includes all the essential features for debugging SuperSpeed USB devices.

Based on LeCroy's market-leading Voyager verification system, the Advisor T3 delivers many of the same advanced features including event triggering and the legendary CATC Trace viewer. This intuitive hierarchical display can be expanded to show packet level events or collapsed to show complete transfers. A comprehensive tool set allows traffic to be filtered, searched, and decoded for faster analysis.

The Advisor T3 provides loss-less capture of USB traffic including SuperSpeed link training, state changes, and LFPS signals. Hardware-based event triggering can be specified at every level including bus states, ordered sets, header fields, even logical SCSI operations. The Advisor can also filter unwanted traffic by discarding redundant patterns such as SKPs, idles, and training sequences.



Find the issues fast with  
Advisor T3 bus error reports

The Advisor's unique small form-factor fits within any briefcase yet boasts 2GB of recording memory. The system also offers spool-to-disk capture, making it well suited for testing software drivers or analyzing system performance. Like all LeCroy analyzers, the Advisor's field upgradeable firmware allows the system to evolve with the USB specifications.

## Flexible and Upgradeable

Advisor T3 Standard model is available in a USB 2.0/3.0 configuration; or in a USB 2.0 model that is upgradeable to support 3.0. For SuperSpeed users, the Pro option brings advanced triggering, real-time metrics and other Voyager Pro features to the Advisor T3 Standard model.

## Specifications

Host Requirements	Windows® 7, Windows XP, Windows Vista® or Windows Server 2003; Intel® Pentium® II processor or greater; USB 2.0 or 100/1000 Ethernet capable
Protocols Supported	USB 1.0, 1.1, 2.0 and 3.0
Recording Memory Size	2 GB
Data Rates Supported	1.2 Mb/s, 12 Mb/s, 480 Mb/s, 5 Gb/s
Recording Channels	1
Data Bus Interface	Half duplex differential (USB 2.0) Dual simplex differential (USB 3.0)
Form Factor	Enclosed Chassis
Front Panel Indicators	Platform LEDs: Power, Status Analyzer LEDs: Rec, 2.0, 3.0, Trig
Front Panel Connectors	Analyzer—one (1) USB 2.0/3.0 recording channel with USB 3.0 "A" & "B" connectors
Carrying Case	Included
Dimensions (W x H x D)	15 x 3 x 12.7 cm (6" x 1.25" x 5")
Weight	0.23 Kg (0.5 lbs)
Power Requirements	100-240V, 50-60 Hz (universal input), 1.0A
External Trigger	Trigger IN/OUT & Sync MicroD (proprietary)
Environmental	Operating Temperature: 0 to 55 °C (32 to 131 °F) Non-operating: -20 to 80 °C (-4 to 176 °F) Operating Humidity: 10 to 90% RH (non-condensing)



*Compact size of Advisor T3 allows for easy portability*

## Ordering Information

### Advisor T3 Systems

Advisor T3 USB 3.0 Standard Protocol Analyzer System  
Advisor T3 USB 2.0 Standard Protocol Analyzer System

### Product Code

USB-T0S3-A01-X  
USB-T0S2-A01-X

### Upgrades and Options

Advisor T3 USB 3.0 Standard Software Upgrade  
Advisor T3 USB Pro Option  
Cable, MicroD-to-CATC Sync (allows cascading Advisor T3 and Sierra/Voyager systems)  
Cable, MicroD-to-MicroD Sync (allows cascading two Advisor T3 systems)

USB-T0S3-A01-A  
USB-T0P3-A01-A  
AC030XXA-X  
AC031XXA-X



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www.lecroy.com

Local sales offices are located throughout the world.  
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