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What is the difference between LAN & LXI?

ZTEC Instrument's new LAN oscilloscopes have functionality similar to LXI Class C devices which also have a wired trigger bus (WTB)*. In fact, ZTEC LAN oscilloscopes offer nearly all the advantages of LXI. ZTEC LAN oscilloscopes are the smallest and highest channel density LAN/LXI oscilloscopes on the market today. Just like LXI instruments, our LAN oscilloscopes can be completely controlled from anywhere via a LAN/Ethernet connection. At this time, our LAN oscilloscopes lack only two main features before being certified LXI Class C.

1. IVI drivers: The LXI specification requires that all LXI devices have IVI drivers. Currently, ZTEC offers a number of drivers and software examples for a variety of environments and standards including: LabVIEW, LabWindows/CVI, Visual Basic, and others. Additionally, we will soon provide IVI drivers.
2. LXI web interface: The LXI specification requires that all LXI devices serve an HTML web page to enable remote instrument identification, configuration, and basic control. At this time, ZTEC does not have such a web page; however, ZTEC provides free <ZScope> and <ZFind> applications that enable users to remotely identify, configure and control the LAN oscilloscopes remotely.

Any ZTEC LAN oscilloscope that is purchased today can be updated to comply with the LXI standard as soon as the two items noted above are available.

ZTEC is a member of the LXI consortium and will release LXI-compliant oscilloscopes and function generators throughout 2008.

* LXI class C devices that also include the wired trigger bus are sometimes referred to as 'C+ devices'.

Related Attachments

None Found
