

### 10-Gigabit Ethernet Decode Annotation Option

Effective immediately, LeCroy's 10-Gigabit Ethernet decode and 64b/66b symbol decode options can be quoted and booked, and are available for immediate shipment in 6.6.0.5 version software. These options enhance our lineup of tools for 10-Gigabit Ethernet test and debug, and provide additional capabilities for other protocols that use 64b/66b encoding.

ENET10GBUS D provides overlaid, high level Ethernet frame information on the analog trace and has a feature-set comparable to our existing decode options for other serial data standards. Use of ENET10GBUS D is ideal for 10GBASE-KR (10 GbE KR) or 10GBASE-CR.

The solution is also ideal for use with four-lane Ethernet systems, such as 40GBASE-xxR, where there are four lanes of 10 Gigabit Ethernet that must maintain proper skew reference between lanes per IEEE 802.3ba. By decoding each Ethernet frame, it is easy for the user to understand if all lanes were within the 802.3ba specification. Ten-lane Ethernet systems, such as 100GBASE-CR10, can also take advantage of the multi-lane simultaneous decode capability.

### 64b/66b Encoding Decode Annotation Option

64b/66b encoding is increasingly used with high speed serial data systems. This option is sold

**FNE-MS-TM00-010**



separately from the ENET10GBUS D option. 10-Gigabit Ethernet is one protocol that uses 64b/66b encoding. Fibre Channel 10G/16G, InfiniBand FDR (14 Gb/s) and EDR (25 Gb/s), and some other less known protocols also use 64b/66b encoding. LeCroy's new 64b/66b symbol encoding decode option may also be used simultaneously with the ENET10GBUS D option to provide a simultaneous symbol and Ethernet frame decode view of the Ethernet traffic.

### Availability

ENET10GBUS D and 64B66B D options are supported on firmware version 6.6.0.5 and above in the WaveMaster 8 Zi/Zi-A and LabMaster 9 Zi-A platforms.

The latest firmware can be downloaded from our website

<http://www.lecroy.com/support/softwaredownload/download.aspx?mseries=9&did=5839>.

## Part Numbers and Pricing

Part Numbers and Pricing are indicated below.  
For additional information, please contact  
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WM8Zi-ENET10GBUS D	10-Gigabit Ethernet decode for WaveMaster 8 Zi/Zi-A	\$1836
LM9Zi-ENET10GBUS D	10-Gigabit Ethernet decode for LabMaster 9Zi-A	\$1836
WM8Zi-64B66B D	64b/66b Symbol Decode for WaveMaster 8 Zi/Zi-A	\$1836
LM9Zi-64B66B D	64b/66b Symbol Decode for LabMaster 9 Zi-A	\$1836