

PRESS RELEASE

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Yokogawa Introduces CAN Bus Analysis Option for the Long Memory DL1640 Digital Oscilloscopes

Newnan, Georgia - Yokogawa introduces a CAN Bus Analysis option for the popular, long-memory DL1640/40L digital oscilloscopes.

CAN Bus Analysis option

The option provides triggering and analysis for CAN bus and supports Hi-speed and Low-speed CAN (ISO 11898 and ISO 11519-2) with data rates from 33.3 kbps – 1 Mbps.

Triggering features include the ability to trigger on: Start-of-Frame (SOF), user-defined Identifier (ID) fields (4 ID fields can be defined), RTR Field, user-defined Data fields (define 1-8 bytes), and Error frames.

The CAN Bus analysis option also includes the ability to easily analyze the acquired data and display the time, the ID and Data field codes and the presence/absence of ACK field codes of the data. With up to 32M of memory per channel, as many as 16,000 frames of CAN data can be captured and analyzed.

In addition to simply analyzing the data, you can quickly perform the Data Search function and jump to user-defined ID field or Data field values. Using the cursor jump function, you can easily move cursors to a specific event for more detailed analysis.

The stuff bit calculation function extracts the stuff bit from the frame data and represents it as a waveform. This enables you to easily confirm codes of otherwise difficult-to-read waveforms.

The recently introduced 701922 200 MHz differential probe is the perfect probe to use with the DL1640/40L when measuring CAN signals.

The CAN Bus analysis option for the DL1640/40L costs \$1,900 and is available for immediate delivery. The CAN Bus analysis option also includes SPI Bus analysis features.

DL1640/40L Features:

The entire Yokogawa DL1600 Series of digital oscilloscopes offers an unparalleled list of features and capabilities:

200 MHz analog bandwidth

200 MS/s sampling

Extremely long memory – up to 32 Mword simultaneously on 4 channels

Small and lightweight: less than 11 lbs. and a footprint about the size of an A4 piece of paper

I2C, SMBus, CAN and SPI bus analysis capabilities

History Memory – capture up to 16,000 acquired waveforms in memory for post-acquisition viewing, search and analysis

9 lowpass filters to select from for each channel (cutoff frequencies of 20 MHz down to 10 kHz)

High resolution mode increases A-to-D resolution up to 13 bits

Powerful roll mode functionality – update automatic waveform parameters and math waveforms during acquisition

Advanced networking and PC connectivity – a built-in web server and FTP server gives you the ability to control the instrument and collect data from anywhere

Built-in printer for immediate hardcopies of your acquired waveforms

AC, DC or battery-powered models are available

Please contact Yokogawa for additional details. www.yokogawa.com/tm/DL1600

About Yokogawa Corporation of America

Yokogawa Corporation of America is the North American unit of \$3 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control, and automation solutions. Headquartered in Newnan, Georgia, Yokogawa Corporation of America serves a diverse customer base with market-leading products including analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, meters, instruments, distributed control systems, and more.

For more information about Yokogawa Corporation of America, visit us.yokogawa.com, call 770-254-0400, or toll-free at 800-258-2552.