

Ultra Fast Digitizer with 8 Bit, 4 GS/s Sampling Rate with up to 8 GS Memory

Order-No.: CXE-014-000 Series/Model: CompuScope Express 14G8



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8 Bit, 4 GS/s Ultra HighSpeed Digitizer with up to 8 GS Memory

Main Product Features

- 1 digitizing channel with 4 GS/s maximum sampling rate
- 8 bits vertical resolution
- up to 8 GS on-board acquisition memory
- 1.5 GHz bandwidth
- Full-size, PCI Express 2.0 x8 card
- Full-featured front-end, with software selection of all signal conditioning settings
- Ease of integration with External or Reference Clock In and Clock Out, External Trigger In and Trigger Event Out
- Programming-free operation with GageScope® oscilloscope software
- Software Development Kits available for LabVIEW, MATLAB, C/C# and more
- Dual-port memory and data streaming at up to 3.1 GB/s
- Custom FPGA firmware available

The CobraMax CompuScope family of GaGe ultra high-speed 8-bit digitizers provides the most powerful combination of speed, memory, and bandwidth as well as a wide portfolio of advanced acquisition features on a single PCI Express or PCI card.

Reatime eXpert On-Board Options:

- eXpert™ Real Time Data Streaming
- eXpert™ Signal Averaging

Applications:

- Time-of-flight (TOF) Messungen
- Wideband Signal Analysis
- RADAR Design and Test
- Signals Intelligence (SIGINT)
- Ultrasonic Non-Destructive Testing
- LIDAR Systems
- Communications
- Optical Coherence Tomography
- Spectroscopy
- High-Performance Imaging
- Time of Flight
- Life Sciences

Manufacturer page

<http://www.gage-applied.com/>

Data Sheet Download



[Ultra Highspeed 8 Bit PCI Express Digitizer with 4 GS/s Sampling Rate \(304.8 KiB\)](#)



Für das Betrachten der Download-Dateien benötigen Sie i. R. den Adobe-Acrobat-Reader.
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