

Lan Digitizer / Oszilloscope with 8 Bit, 1x2GS/s or 2x1GS/s up to 8 GS Memory

Order.Nr.: FCI-COB-022 Series/Model: Cobra-X



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8-Bit Lan TCP/IP Digitizer / Oszilloscope with 1x2 GS/s or 2x1 GS/s Sampling Rate

Main Product Features

- **1 or 2 simultaneous channels**
- **1 x 2 GS/s or 2 x1 GS/s Sampling Rate**
- **8 Bit Resolution**
- **2GS (4 Gbyte) On-Board Memory up to 8 GS optional**
- **500 MHz Bandwidth**
- **High Speed Ethernet (LAN) Interface**
- **Ease of integration with External or Reference Clock In and Clock Out, External Trigger In and Trigger Out**
- **Programming-free operation with GageScope® oscilloscope software**
- **Software Development Kits available for LabVIEW, MATLAB, C/C# and Linux**

The GaGe FCiX Cobra/CobraMax LAN digitizer features 2 channels of 8-bit resolution with a maximum sampling rate up to 2 or 4 GS/s for one channel and up to 1 or 2 GS/s for two channels and true Effective Number of Bits (ENOB) up to 7.6-bits with 10 MHz input.

FCiX Cobra/CobraMax LAN digitizers provide remote capabilities and distributed measurements by seamlessly connecting to any existing Ethernet network via the 10/100/1000BaseTx socket interface. The FCiX Cobra/CobraMax is VXI-11 compliant, allowing discovery of the digitizer instrument over a TCP/IP network, and is fully accessible and operable via a web browser or with the programming-free [GaGeScope PC Oscilloscope Software](#).

The power efficient 80 Watt FCiX Cobra/CobraMax features a universal input external power supply, and its small light-weight form factor allows for easy portability as a stand alone unit or can be optionally rack installed as a 1U rackmount instrument.

Applications

- Radar Design and Test
- Disk Drive Testing
- Manufacturing Test
- Signal Intelligence
- Lidar Systems
- Communications
- Non-Destructive Testing
- Spectroscopy
- High-Performance Imaging
- Ultrasound Test

Manufacturer page

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

Data Sheet Download



[4-Channel 16-Bit-Lan Digitizer Oszilloscope with mit 200-MS/s Abtastrate \(723.0 KiB\)](#)



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If you have questions please don't hesitate to contact us any time.

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