# Lan Digitizer / Oszilloscope with 16 Bit, 4 Channels 100 MS/s up to 8 GS Memory

## Order-No.: FCI-RAZ-041   Series/Model: Razor-X



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**16 Bit 4 Channel Bit Lan Ethernet Digitizer / Oszilloscope with 4 x 100 MS/s**

## Main Product Features

- **4 simultaneous channels**
- **100 MS/s Sampling Rate**
- **16 Bit Resolution**
- **2 GS (4 Gbyte) On-Board Memory (up to 8 GS optional)**
- **125 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 series of Faceless Connected Instruments (FCiX) provide test and measurement professionals new options for integrating high resolution, multi-channel digitizers into Ethernet and LAN enabled measurement systems. The applications served include manufacturing test, automotive test, remote communications monitoring, multi-site semiconductor test, and other solutions where a lightweight but powerful, multi-channel, independent digitizer system is required.

FCiX family provides an 8-bit, 14-bit or 16-bit digitizing solution with 2, 4 or 8 channels, 100 MS/s to 4 GS/s maximum sampling rate, and 2 GB of on-board real-time acquisition memory. The new FCiX digitizers can stand alone, or mount into an existing ATE test environment, and are fully supported by the GaGe SDKs for LabVIEW, MATLAB, and C/C#.

The Ethernet based FCiX Digitizers are fully VXI-11 compliant, allowing discovery of the digitizer

instrument over a TCP/IP network. They are fully accessible and operable via a web browser, or with GaGe's programming-free GaGeScope PC Oscilloscope Software, which can enable rapid deployment of remote or distributed measurement systems.

The FCiX digitizers' feature a 12V DC external power supply, and the small light-weight form factor allows for easy portability as a stand alone unit, or can be optionally installed as a 1U rack mount instrument

**Applications**

- Radar development and test
- Hard disk development and test
- Production monitoring
- Signal intelligence
- Wireless communication
- Lidar systems
- Military and Space
- Spectroscopy
- Destruction-free tests, ultrasound
- Integrated digitizers (OEM applications)

# Manufacturer page

[http://www.gage-applied.com/](http://www.gage-applied.com/)

# Data Sheet Download

[Lan Ethernet Digitizer 16 Bit 4 Channel 100 MS/s up to 8 GS Memory (723.0 KiB)](#)

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

**Phone** +49 (89) 3133007, **Fax** +49 (89) 3146706, [wuntronic@wuntronic.de](mailto:wuntronic@wuntronic.de) or send us our [Contact form](#)

**Wuntronic GmbH, Heppstrasse 30, D-80995 Munich, Germany**