



Press Release
For Immediate Release

New low-cost 12 bit, 50 MS/s PCI Express waveform digitizer

Montreal, Canada (Jan 30, 2019)

AlazarTech®, a manufacturer of high-performance, low-cost PC Based Instruments, today announced the release of **AlazarTech ATS® 9130**, a dual-channel 50 MS/s, 12 bit waveform digitizer based on the single-lane Gen1 PCI Express bus.



ATS9130
Low-Cost PCIe Digitizer
50 MS/s, Dual-Channel A/D
8 MS On-Board Memory
12-Bit Resolution

[Click here for ATS9130 datasheet](#)

[Click here for high resolution image](#)

ATS9130 features two simultaneous analog input channels that can each be sampled at rates up to 50 MS/s with 12 bit vertical resolution. Each channel has 25 MHz of full power analog input bandwidth and up to 8 Megasamples of on-board acquisition memory buffer. With software selectable attenuation, users can achieve an input voltage range of ± 40 mV to ± 20 V.

“**ATS9130** is a continuation of our effort to provide cost-effective yet powerful products to OEMs”, stated Muneeb Khalid, President of AlazarTech. “**ATS9130** provides data streaming, a feature that is usually absent in products in this price range”.

The unit occupies only one half-length PCI Express slot, making it very easy to integrate it into a customer’s system.

OEMs can integrate the **ATS9130** PCI Express digitizers into their own systems very easily using the Windows® and Linux® compatible ATS-SDK Software Development Kit. This SDK includes sample programs written in C/C++, Python, MATLAB®, and LabVIEW®.

ATS9130 PCI Express digitizers are also compatible with ATS-GPU and ATS-GMA software libraries developed by AlazarTech that allow users to do real-time data transfer from **ATS9130** to a GPU card at full bus speed and digital signal processing.

Applications for **ATS9130** are:

- Scanning applications that involve acquisition of data with a rapidly occurring trigger (ultrasonics, radar, spectrometry, ...)
- Acquisition of data with a randomly occurring trigger (lightning test, acoustic emissions, ...)

Availability and Pricing

ATS9130 is available immediately from stock. U.S. price is \$1,995 in single quantity. Volume discounts are available. International prices may be higher.

For Further Technical or Editorial Information

For further technical or editorial information, contact **Muneeb Khalid** at 1-877-7-ALAZAR or +1-514-426-4899 or via e-mail at muneeb@alazartech.com. Mailing address is **AlazarTech**, 6600 Trans-Canada Highway, Suite 310, Pointe-Claire, QC, Canada H9R 4S2. Company web site is www.alazartech.com.

About AlazarTech

AlazarTech, headquartered in a suburb of Montreal, Quebec, Canada, provides high performance, low-cost PC-Based Instruments and software for customers involved in building OEM products, manufacturing test systems and research and development.

AlazarTech's design team consists of engineers who pioneered PC-based instrumentation in the 1980s. While AlazarTech manufactures some of the fastest PCI and PCI Express digitizers on the market, speed alone is not the differentiating factor. AlazarTech concentrates on providing usability features for its PCI and PCI Express digitizers that make them very easy to integrate into real-world OEM applications such as ultrasonic testing, medical imaging and radar signal analysis.

The key differentiation between AlazarTech products and the rest of the industry is AlazarTech's *Dual-Port Memory* technology, which enables OEMs to create systems that can capture, analyze and store data in real time.

Customers can use AlazarTech products not only for R&D, but also deploy them in the field. Competitive products use single-port memory, forcing customers to stop acquisition in order to read data, thereby limiting their usefulness to R&D and algorithm development.

AlazarTech also works with selected OEMs to customize its products based on customer requirements.

The company's line of ATS PCI and PCI Express digitizers have been recognized by leading European, Asian and North American OEMs as being superior in quality to other devices on the market.

The company's products have found applications in industries such as medical imaging, metal inspection, defense, automotive and semiconductor test.

AlazarTech sells its products directly in North America, and internationally through a distribution network.

For more information on AlazarTech, visit www.alazartech.com.

† AlazarTech, and AlazarTech ATS are registered trademarks of Alazar Technologies Inc.
 MATLAB is a trademark and/or registered trademark of The MathWorks, Inc.
 LabVIEW is a trademark and/or registered trademark of National Instruments.
 Windows is a trademark and/or registered trademark of Microsoft Corporation in the U.S. and/or other countries.
 Linux is a registered trademark of Linus Torvalds.
 All other trademarks are the property of their respective owners.