



# NEW PRODUCT ANNOUNCEMENT

## NEW ADWIN-GOLD-III COMPACT DATA ACQUISITION SYSTEM

CAS is pleased to announce the new [ADwin-Gold-III](#) compact data acquisition and control system. It features a high performance, dual-core, 64-bit processor plus analog and digital inputs and outputs and a 1GB Ethernet communications interface to provide extremely precise, low latency real-time operation. Programs can be quickly created using either the user friendly ADbasic development environment or through Simulink via the ADsim interface.

### FEATURES:

- XILINX ZYNQ™ ARM Cortex-A9 1 GHz CPU, 64-Bit FPU, 1 Gigabyte DRAM, 1 GBit Ethernet
- 16, 18 Bit analog inputs arranged in 2 banks of 8 channels
- 2 High speed 16 Bit analog outputs
- 32 TTL digital channels configurable in blocks as inputs/outputs
- 1 low latency trigger input
- LS-bus for low speed discrete I/O expansion
- Rugged metal case with optional DIN rail mounting



In addition, there are a number of options that allow the ADwin-Gold-III to be customized for specific projects and OEM applications with options including:

- 16 Synchronous analog inputs
- Analog output expansion to 4 or 8 outputs

- Up to 18, 32 bit high speed up/down and PWM counters
- 6 PWM Outputs
- SSI, CAN, RS232/485, Ethercat, Profibus, Profinet and Ethernet/IP interfaces
- Bootloader for stand-alone operation

Designed applications such as high speed and closed loop control, signal generation, test stand data acquisition, [hardware in the loop \(HIL\)](#) simulation and testing, and portable data collection, the ADwin-Gold-III is an ideal solution for projects that require a compact, high performance system. The system can be used in laboratories, on a DIN-rail in industrial machines, or in mobile and in-vehicle applications.

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For more information on the new [ADwin-Gold-III](#), or to find the ideal solution for your application-specific needs, contact a CAS Data Logger Applications Specialist at **(800) 956-4437** or visit our website at [www.DataLoggerInc.com](http://www.DataLoggerInc.com).