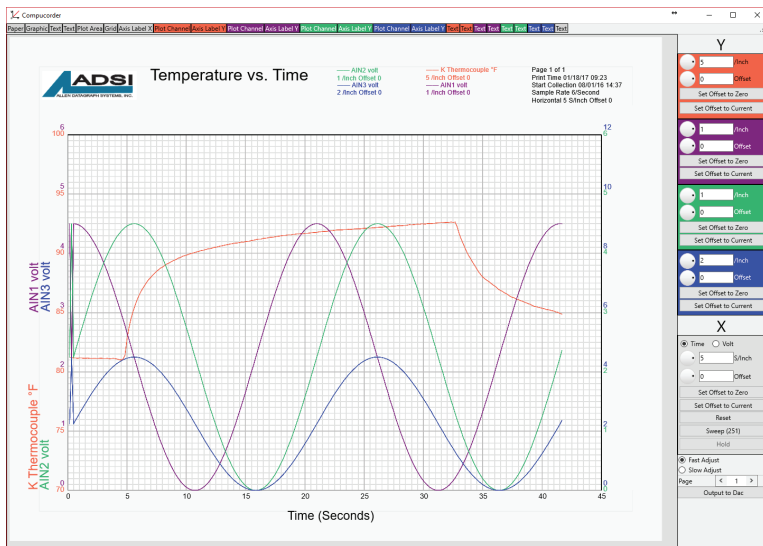# Compucorder Model 40

Multifunction DAQ
with Wifi, Ethernet, and USB

Choose the Model 40 for ultimate DAQ flexibility.

With 16-bit or 24-bit analog inputs, the option to use USB, Ethernet, or WiFi, and numerous built-in firmware features, the Model 40 can help you accomplish nearly any data acquisition need.

The Model 40 is great for acquiring signals from virtually any kind of sensor, easily integrating with thermocouples, load cells, bridges, and more. The sensor data can then be served out through any of three communication interfaces. With instrumentation amplified inputs, software selectable gain settings, digital I/O features, and TCP or USB communications, the Model 40 is our most versatile multifunction DAQ platform. Common applications include: laboratory research, industrial control and monitoring, prototype development.

Chart recording features

* Unit conversion and labeling in many units of measure
* Save file format is protected against tampering.
* 4 channel strip chart as YYYY with time base or YYYX
* Paper sizes: 11" x 17", 8.5" x 11", A3, A4, portrait/landscape formats + continouous
* Grid size major division in CM or inch
* Full color chart display and printing
* Prints to Windows compatible printers. Continuous to Cypher Printer
* Export to worksheet in CSV format
* All analog input features and resolution settings are configurable with setup wizard.

Analog input features

* 4 analog inputs built in (16-24 bits depending on speed and device type)
* 12 resolutions/speed settings - sample rates from 1/hour to 10k samples per second, accuracy selectable to 1uV noise-free
* Analog input ranges: +10V, +1V, +0.1V and +0.01V
* Low latency sampling and control (less than 1ms)

Analog output: *2 Analog outputs (12-bit, 0-5V)*

Digital I/O: *4 digital I/O*

Fixed current outputs: *200 µA, 10 µA*

Communications options: *USB, Ethernet,802.11b/g WiFi*

All products made in The United States.
All specifications are subject to change.