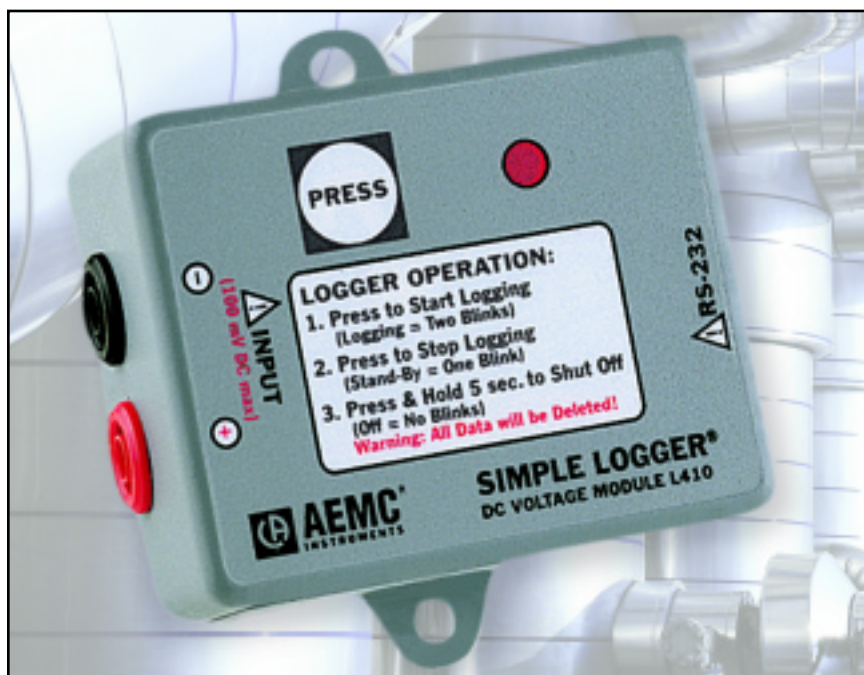


DC Volts Simple Logger® Models L410 & L430



Specifications

ELECTRICAL

Number of Channels: 1

Measurement Range:

0 to 100mVdc (L410)

0 to 10Vdc (L430)

Input Impedance: L410 and L430: 1MΩ

Input Connection:

Recessed Safety 4mm Banana Jacks

Resolution: 8 Bit

L410: 50μV max

L430: 5mV max

Accuracy*: ±1% of Reading + Resolution
(see inside back cover for details)

Sample Rate: 4096/hr maximum

Storage Technique:

Time Extension Recording™ (TXR™)

Data Storage: 8192 readings

Power: 9V Alkaline battery

Battery Life:

Up to 1 year of recording @ 25°C

Output: RS-232 via DB-9 connector

Indicators: Red LED flashes once every 2 seconds in STANDBY mode, twice every 2 seconds in LOGGING mode, and is off in OFF mode

Controls: One button used to start and stop recording sessions and to turn the data logger on and off

Working Voltage: 30VAC maximum

MECHANICAL

Size: 2⁷/₈ x 2⁵/₁₆ x 1⁵/₈"

(73 x 59 x 41mm)

Weight: (with battery) 5 oz (140g)

Mounting: Base plate mounting holes or Velcro® pads supplied loose

ENVIRONMENTAL

Operating Temperature:

-4 to +158°F (-20 to +70°C)

Storage Temperature:

-4 to +174°F (-20 to +80°C)

Relative Humidity:

5 to 95% non-condensing

Safety: EN 61010, 30V, Cat. III

Features

- Two models to choose from:
 - Model L410
0 to 100mVdc
 - Model L430
0 to 10Vdc
- Programmable scale
- Programmable units
- Inputs via color coded safety Banana Jacks
- RS-232 output
- One button operation

Applications

- Circuit design troubleshooting
- Sensor monitoring
- Battery testing
- Power Supply profiling

ORDERING INFORMATION

CATALOG NO.

Simple Logger® Model L410, DC Voltage (0 to 100mVdc Input) Cat. #2114.05

Simple Logger® Model L430, DC Voltage (0 to 10Vdc Input) Cat. #2114.07

All DC voltage Simple Loggers® are supplied with software (CD-ROM), 6 ft DB-9 RS-232 serial cable, 9V Alkaline battery and user manual

Accessories

Voltage Leads, (2) with clips, 5 ft. Cat. #2118.51

Simple Logger® Software

Features

- Very easy to setup and use — no programming required
- Statistics appear on screen: Max, Min, Avg, Date and Time
- On-Line display of data logger values
- Zoom capability with automatic statistics update
- User keyed text annotations
- Automatically displays values at the cursor position
- Export data to spreadsheet and database software
- Print both graphs and tabular listings
- Paste graphs into other applications
- Programmable scale and units for all DC loggers. Automatic selection for AC loggers
- User programmable High and Low limits (Model L215)
- User programmable record modes – inside or outside of limits (Model L215)
- Automatic baud rate selection (version 6.0 or later)

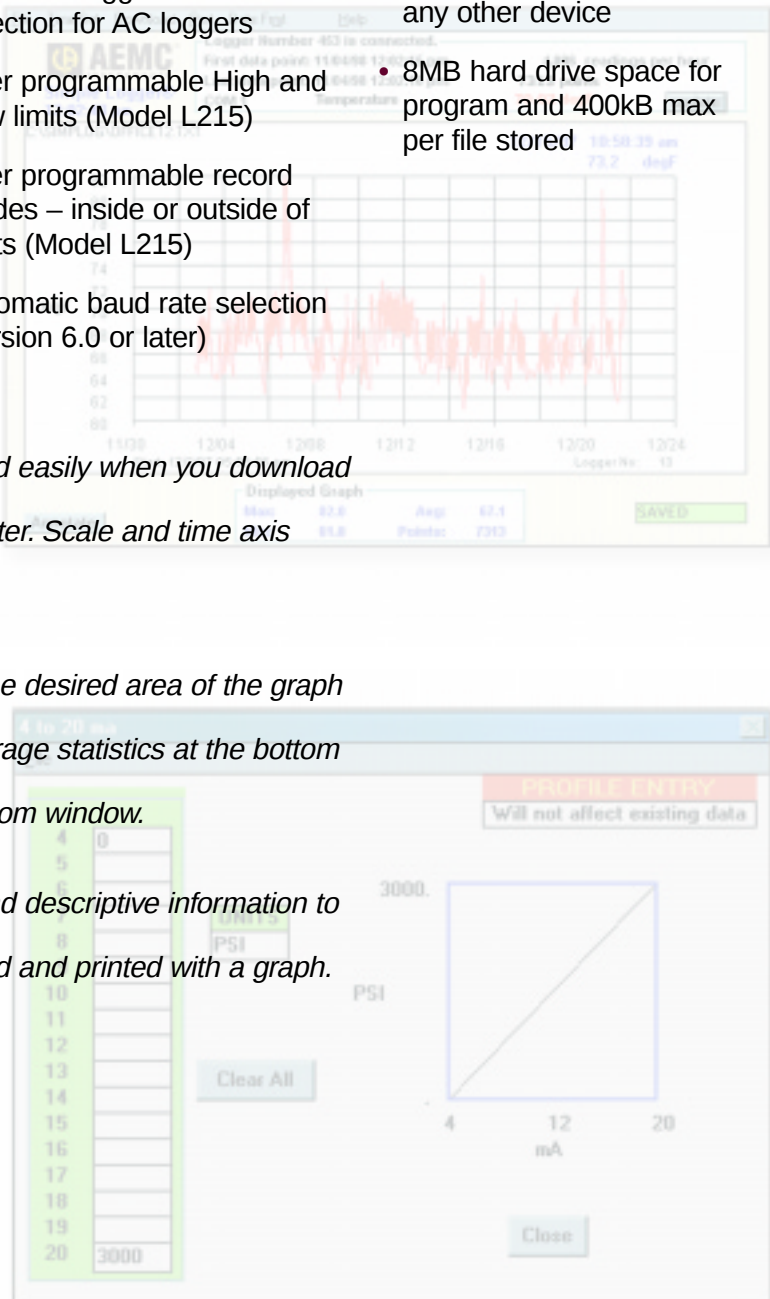
Computer Requirements

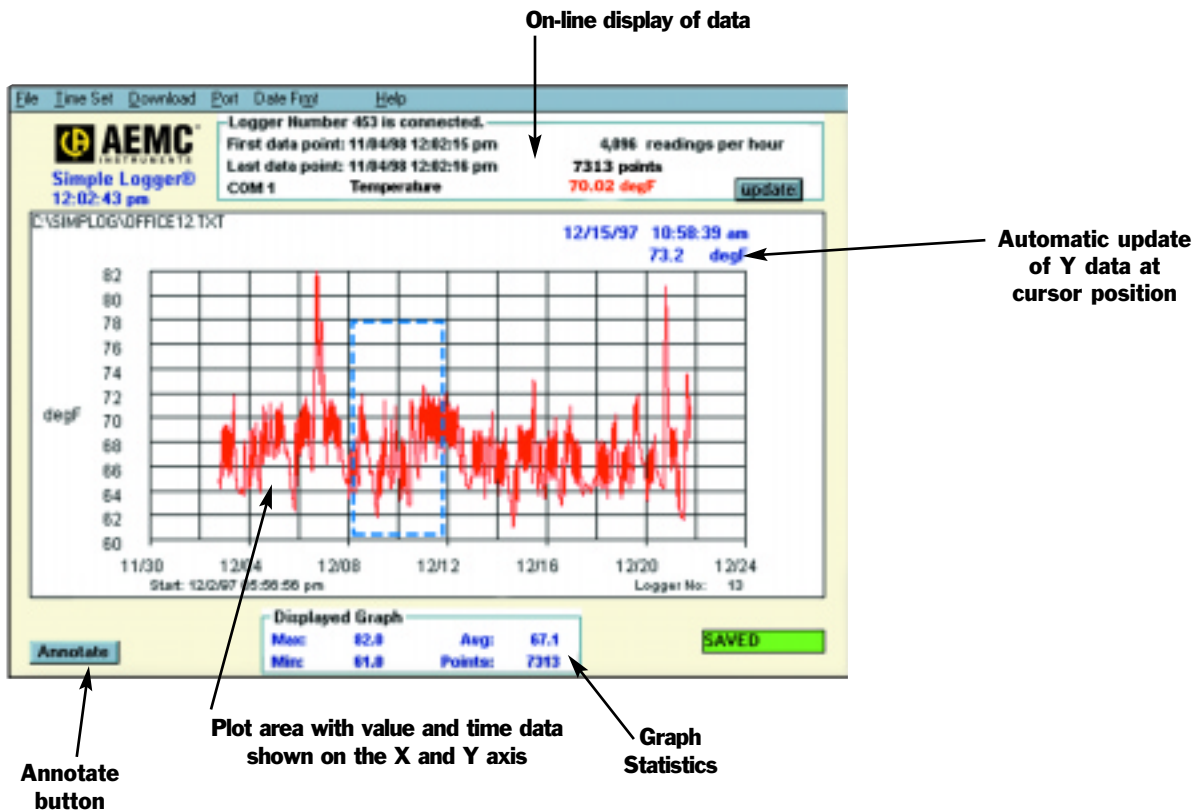
- 486 or higher
- 8MB of RAM
- Windows®95/98/2000/ME/XP or Windows®NT
- 1 serial port not in use by any other device
- 8MB hard drive space for program and 400kB max per file stored

Plot graphs and view statistics quickly and easily when you download data from Simple Logger® to your computer. Scale and time axis update automatically.

Click and drag your mouse to zoom up the desired area of the graph for better viewing. The Min, Max and Average statistics at the bottom of the graph update automatically with zoom window.

Click the Annotate button to add a title and descriptive information to your graph. This information can be stored and printed with a graph.





Graph Description

Graph Title: Room Temperature

Graph Description:
Information which will be stored with the graph file

Tag: Location: Office # 24

OK Cancel

Unzoom Annotate

Displayed Graph
Max: 82.0 Avg: 67.3
Min: 61.0 Points: 7313

4,896 readings per hour
7313 points
70.02 degF

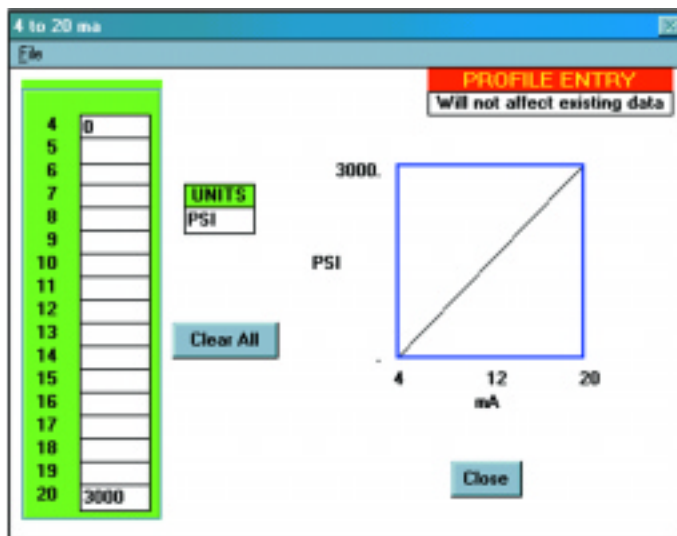
12/8 12/9 12/10 12/11 12/12

Start: 12/8/97 01:16:41 pm

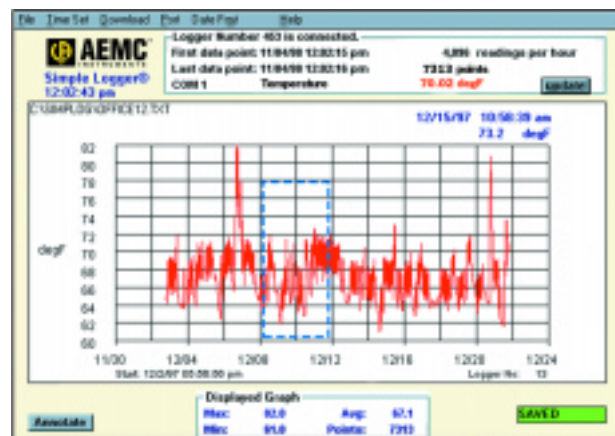
Logger No: 13

Click the Annotate button to add a title and descriptive information to your graph. This information can be stored and printed with a graph.

Simple Logger® Software



Click the scale button in the file menu to create custom scales and engineering units for DC voltage (Models L410 & L430) and DC current loggers (Model L320).



Click and drag your mouse to zoom up the desired area of the graph for better viewing. The Min, Max and Average statistics at the bottom of the graph update automatically when the graph is zoomed.

Contact Us

United States & Canada:

Chauvin Arnoux®, Inc.
d.b.a. AEMC® Instruments
200 Foxborough Blvd.
Foxborough, MA 02035 USA
(508) 698-2115 • Fax (508) 698-2118
www.aemc.com

Customer Support – for placing an order, obtaining price & delivery:
customerservice@aemc.com

Sales Department – for general sales information:
sales@aemc.com

Repair and Calibration Service – for information on repair & calibration, obtaining a user manual:
repair@aemc.com

Technical and Product Application Support – for technical and application support:
techinfo@aemc.com

Webmaster – for information regarding www.aemc.com:
webmaster@aemc.com

South America, Central America, Mexico, Caribbean, Australia & New Zealand:

Chauvin Arnoux®, Inc.
d.b.a. AEMC® Instruments
15 Faraday Drive
Dover, NH 03820 USA
(978) 526-7667 • Fax (978) 526-7605
export@aemc.com
www.aemc.com

All other countries:

Chauvin Arnoux SCA
190, rue Championnet
75876 Paris Cedex 18, France
33 1 44 85 45 28 • Fax 33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com