IP 54 | 1000 V CAT IV | 1500 VDC CAT III

MODEL L461

Designed for accurate voltage monitoring in electrical distribution and solar PV systems



DataView®

DataViewSync™

FEATURES

- **Dual-purpose:** measures both AC and DC voltage for modern electrical systems
- **Application-ready:** ideal for solar PV systems and electrical distribution monitoring
- **Accurate:** True RMS measurement ensures dependable voltage readings
- **Informative:** real-time and maximum values displayed on backlit LCD, **1 s trends** available through control panel software
- **Wide-range:** from (10 to 1200) VAC and (10 to 1700) VDC
- **Convenient:** Wi-Fi and USB connectivity for remote access and configuration
- **Efficient:** extended recording mode supports long-term voltage studies
- **Flexible operation:** start and stop recordings from the instrument display, control panel, or remote user interface on a mobile device
- **Long-lasting:** continuous USB power eliminates battery life limitations for uninterrupted long-term monitoring
- **Flexible:** configurable aggregation periods to match application needs
- **Dependable:** onboard memory stores up to 200 recording sessions

MODELS	L461
ELECTRICAL	
Measurement Type	AC/DC Voltage
Channels	1
AC Voltage Range	(10 to 1200) V
DC Voltage Range	(10 to 1700) V
Frequency Range	(45 to 65) Hz
Accuracy	± (1% R + 5 cts typical)
GENERAL	
Power Supply	(3) AA batteries or USB
Battery Life	Up to 3 days
RECORDING	
Normal Mode	3 days
Extended Mode	Up to 10 weeks *(15 min aggregation period)*
DATA STORAGE & REPORTING	
Recording Sessions	Up to 200
Storage	8 GB micro SD *(Internal)*
Aggregation Intervals	(1 to 60) min, 1 s trends
Data Interface	USB, Wi-Fi and Web server
Software	DataView® and DataViewSync™
MECHANICAL & ENVIRONMENTAL	
Mounting	Magnetic
IP Rating	IP 54
CAT Rating	1000 V CAT IV, 1500 VDC CAT III

Consult factory for NIST Calibration prices.

APPLICATIONS

- Solar PV system monitoring
- Voltage trend analysis
- Outlet level troubleshooting
- Distribution panel monitoring

PRODUCT INCLUDES

Includes USB to micro USB cable, US wall plug to USB adapter, Set of 2, 10 ft (3 m) color-coded ST/ST leads, (2) color-coded alligator clips (red/black), (3) AA alkaline batteries, quick start guide, USB drive with DataView® software and user manual.



CAT. #	DESCRIPTION
2153.54	Data Logger Model L461 (1-CH, TRMS, w/LCD, 1200 VAC/1700 VDC, DataView® software, voltage input for solar panels)

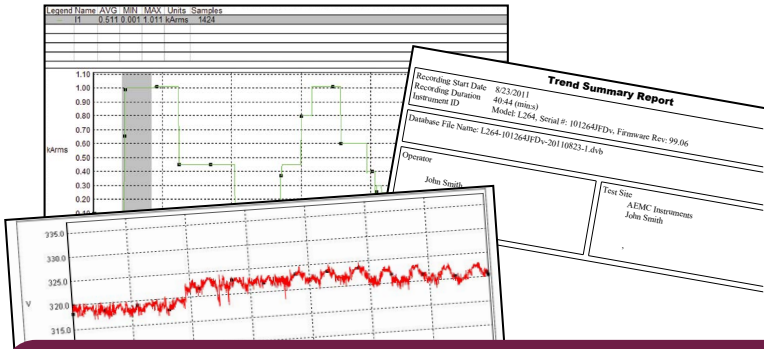
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DataView®

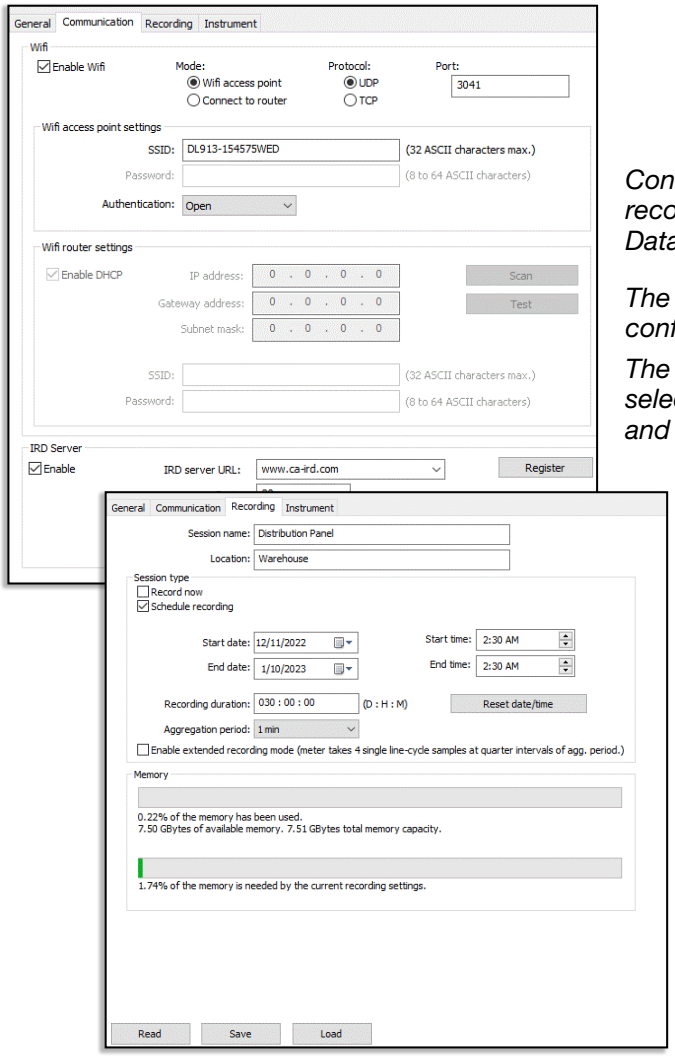
Data Analysis and Reporting Software

- Display and analyze real-time data on your PC
- Configure all data logger functions and parameters from your PC including sample rate, communication, recording length, channel configuration and more
- Create and store a library of configurations that can be uploaded to the logger as needed
- Pan and zoom through sections of the graph to analyze the data
- Display trend graphs and text summaries
- Print reports using standard or custom templates
- Free software upgrades are available on our website

DataView® software, user manual and quick start guide are included in the USB Drive



Reports can be displayed on a PC and printed. Each report includes all test results in a tabular and graphic format, as well as operator and test site information. Comments typed by the operator will also be included.

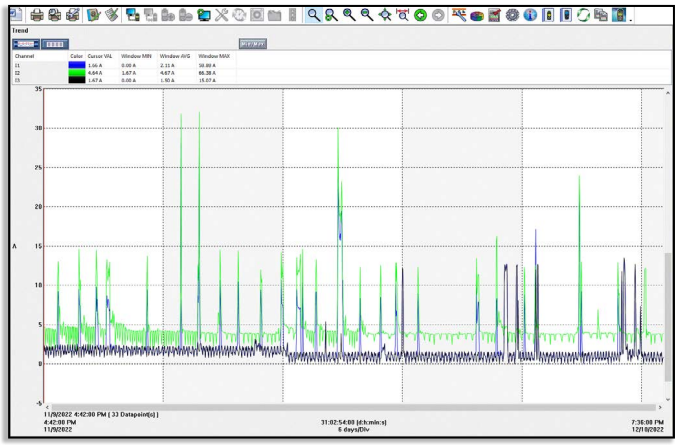


Configuring the data logger's general communication, recording, and instrument options is simple with the DataView® control panel software.

The top left image represents the communication configuration tab with Wi-Fi enabled.

The recording tab provides sample and storage rate selections, recording length and schedule, session type, and the extended recording mode option.

Create, view, edit and store reports from the instrument's recorded data with the included DataView® software.



One month split-phase trend monitoring.

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