DATA LOGGERS
THREE- AND FOUR- CHANNEL AC CURRENT

IP 67 with USB cap on and cover closed | 600 V CAT IV | 1000 V CAT III

MODELS DL913 & DL914

Waterproof three and four channel AC current data loggers with flexible sensors

SCAN TO LEARN MORE

DataView®

FEATURES

- Simple-to-use, 3 *(Model DL913)* and 4 *(Model DL914)* channel AC current data loggers
- 4th channel for neutral current monitoring *(Model DL914)*
- Includes 3 *(Model DL913)* or 4 *(Model DL914)* integral 24-inch flexible current sensors
- Current measurements from 500 mA up to 3600 A
- LCD displays real-time measurements and parameters such as memory, power, and communication status
- Front panel navigation of configuration options and measurement screens
- Built-in web server for remote monitoring
- Extended recording mode for increased battery life
- Battery and/or USB powered options
- Frequency measurements
- Wi-Fi and USB communications
- Waterproof IP67 rated *(USB cap on, cover closed)*

APPLICATIONS

- Single/Split-phase and 3- phase load monitoring
- Neutral and ground current monitoring
- Intermittent problem detection
- Machine load monitoring/Load profiling
- Fault current detection

PRODUCT INCLUDES

Includes small classic tool bag, 10 ft USB Type A to Type B cable, (4) stainless steel mounting brackets, (4) stainless steel M4 machine screws, USB power adapter, quick start guide, and USB drive with DataView® software and user manual.

MODELS	DL913 / DL914				
ELECTRICAL					
Channels	3 *(Model DL913)* / 4 *(Model DL914)*				
Inputs	MiniFlex®				
Measurement Ranges	(300 / 3000) AAC				
Accuracy (50 / 60) Hz	300 A range		3000 A range		
	(0.50 to 99.99) A ± (1 %r + 10 D)	(90.0 to 360.0) A ± (1 %r + 4 D)	(4.00 to 99.99) A ± (1 %r + 10 D)	(90.0 to 999.9) A ± (1 %r + 5 D)	(0.900 to 3.600) kA ± (1 %r + 4 D)
Resolution	0.01 A	0.1 A	0.01 A	0.1 A	1 A
Frequency	(45 to 65) Hz ± 0.1 Hz				
Storage Rate	Normal recording mode: Once per second Extended recording mode: Four per aggregation period				
Recording Length	Battery Power: 4 d with no missing samples *(normal recording mode)* 7 to 30 d depending on the selected aggregation period *(extended recording mode)* External Power: 365 d				
Memory	Internal 8 GB				
Communication	USB, Wi-Fi via router *(Ethernet)*, or Wi-Fi Direct				
Battery Charge Time	10 h maximum *(Wi-Fi off)*				
Power Supply	Internal: 4.2 A·h NiMH rechargeable battery pack External: USB connection				
Battery Life	Normal recording mode: 4 d Extended recording mode: 7 to 30 d* *(*Depending on the selected aggregation period)* *Reference user manual for in-depth information on the battery life, aggregation period, storage interval, and recording modes.*				
MECHANICAL					
Dimensions	(5.9 x 5.9 x 3.57) in (150 x 150 x 91) mm w/o sensors				
Weight *(with battery)*	DL913: 2.2 lbs (1 kg) / DL914: 2.42 lbs (1.1 kg)				
Sensor / Cable Length	3 *(DL913)* or 4 *(DL914)* integral 24 in (610 mm) MiniFlex® probes with 6.5 ft (2 m) leads				
Max. Conductor	7.64 in (194 mm)				
Case	UL94-V0 Flame retardant				
Vibration	IEC 60068-2-6 (1.5 mm, (10 to 55) Hz)				
Shock	IEC 60068-2-27 (30 G)				
Drop	IEC 60068-2-32 *(3.3 ft [1 m] in the most severe position without permanent mechanical damage or functional deterioration)*				
ENVIRONMENTAL					
Operating / Storage Temperature	(14 to 122) °F (-10 to 50) °C / (-40 to 158) °F (-40 to 70) °C				
Relative Humidity	Operation: up to 85 % RH *(non-condensing)* Storage: up to 95 % RH				

Consult factory for NIST Calibration prices.

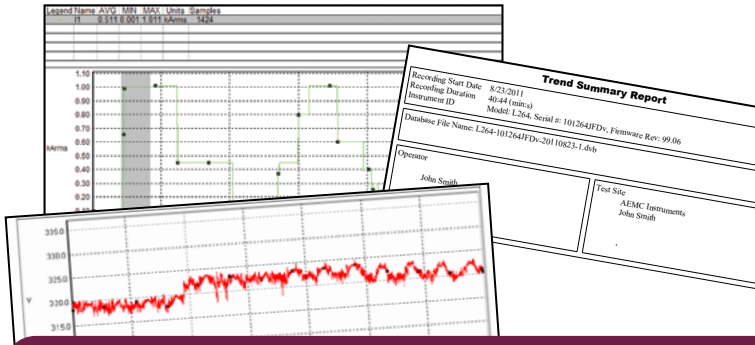
CAT. #	DESCRIPTION
2153.61	Data Logger Model DL913 (3-channel, TRMS, MiniFlex® 300/3000 A, Wi-Fi, DataView® Software)
2153.62	Data Logger Model DL914 (4-channel, TRMS, MiniFlex® 300/3000 A, Wi-Fi, DataView® Software)

DataView®

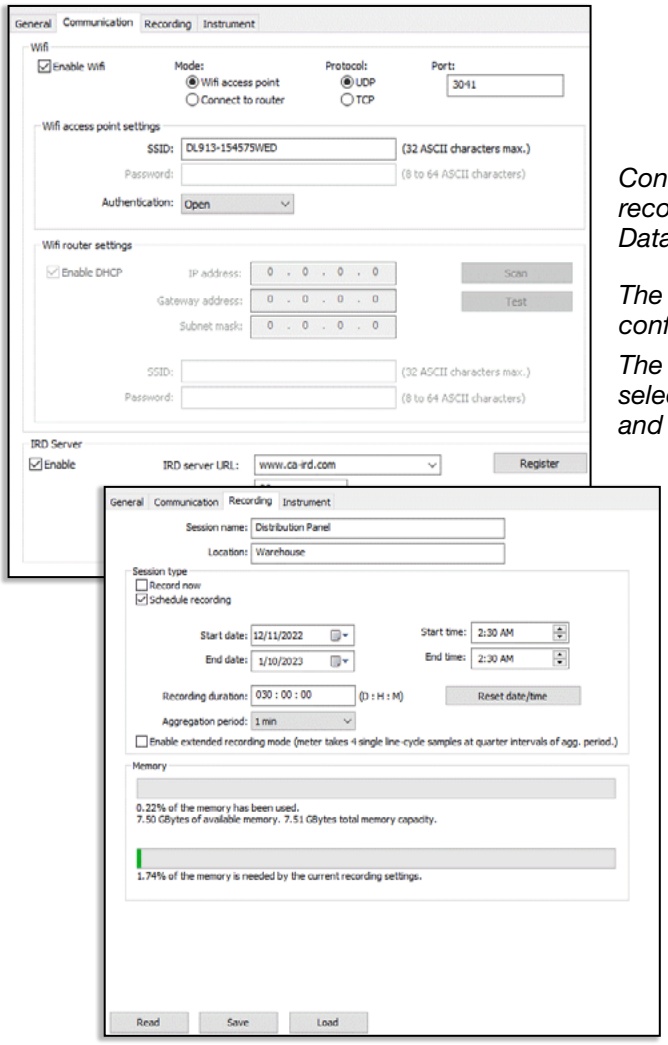
Data Analysis and Reporting Software

- 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 **www.aemc.com**

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.

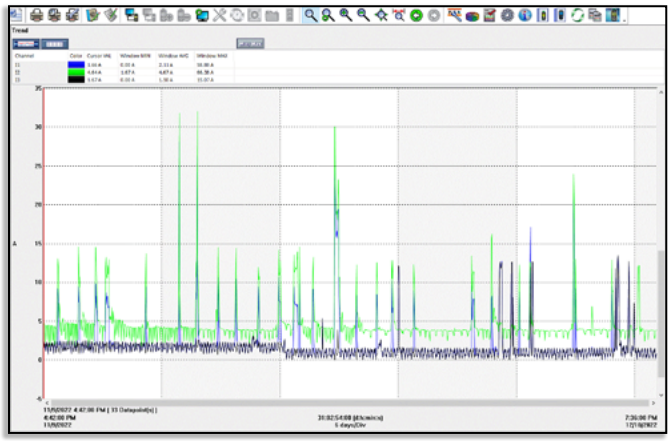


Configuring the data logger's general communication, recording, and instrument options is simple with the DataView® control panel software.

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.

Technical Assistance (800) 343-1391