

DL76

DATA LOGGER



APPLICATIONS

- Water usage monitoring, reporting and management
- Custody transfer regulation
- Peak demand monitoring

FEATURES

- Easy to set-up, easy to use
- Weeks/months/years of data storage
- User-selected sampling interval
- Data retrieval with laptop computer
- Single data retrieval device serves multiple data loggers

The DL76 is a battery-powered data logger that can be used with any Seametrics flowmeter. It stores pulses for up to 3 years, depending on the user-selected frequency of reading. Indicator lights on the unit flash to indicate when it is functioning and when the battery is low.

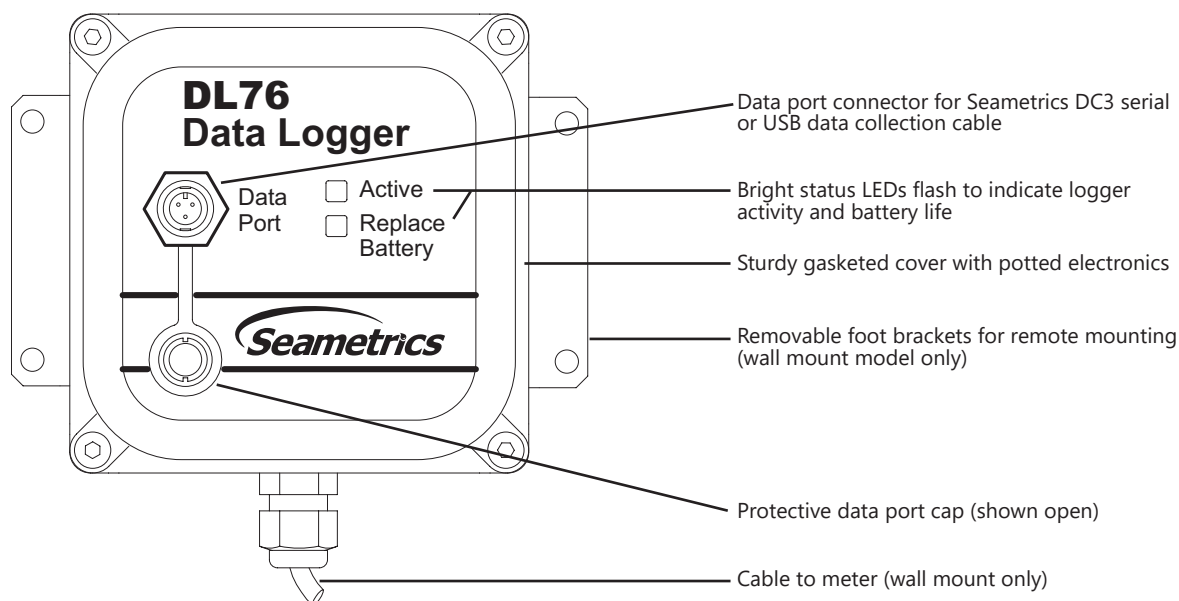
The DL76 can be factory-mounted on the meter or remotely mounted. Housings are rugged cast aluminum, gasketed for environmental protection.

When a DL76 logger is placed into operation, it is easily set up using a laptop computer. Data is also retrieved from the DL76 by means of a laptop and can be analyzed on the laptop or easily loaded on a desktop computer for analysis.

*FlowInspector version 2.7 software is required for the downloading, storing, viewing, graphing, charting and printing of data in several formats. FlowInspector requires a PC with Windows 98 or higher; 800 x 600 screen resolution; serial port or USB/serial adapter; and a Seametrics DC3 data cable. FlowInspector can be used with an unlimited number of dataloggers.

*Older versions of FlowInspector are not compatible with the DL76. Version 2.7 can be downloaded from Seametrics website for free. www.seametrics.com

FEATURES



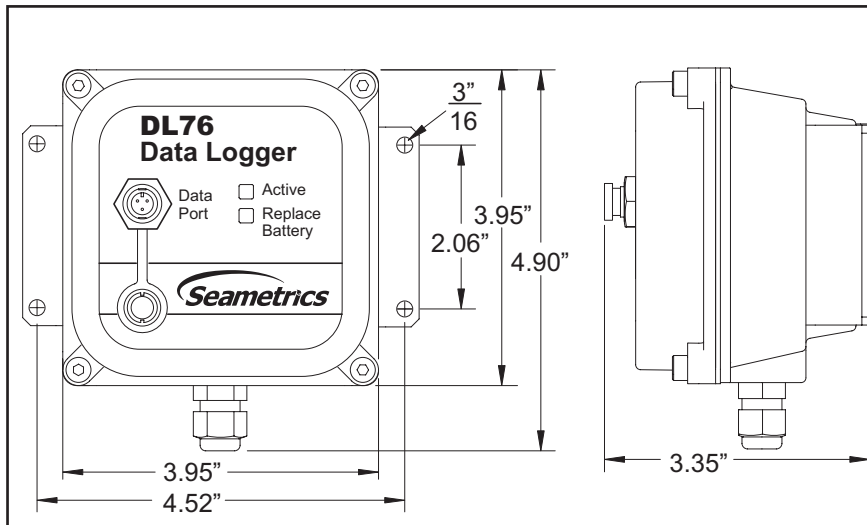
SPECIFICATIONS*

Power		Size C 3.6 Vdc lithium battery (included)		
Battery Life		Estimated life is 3-5 years depending on usage.		
Temperature		0° to 130° F (-18° to 54°C)		
Rate Units	Volume	mL, liter, gallon, Imperial gallon, cubic foot, cubic meter, million gallon		
	Time	Seconds, minutes, hours, days		
Total Units		Liter, gallon, Imperial gallon, cubic foot, cubic meter, million gallon, acre-foot, acre-inch, megaliter, thousand-gallon		
Data Storage Capacity Example: If logging interval is every 480 seconds (8 min.) = 7.5 datapoints/hour = 180 datapoints/day. Therefore: for 365 days capacity is 65,700 datapoints/year.		Capacity	at	Sampling Interval
		11 days	at	15 seconds
		22 days	at	30 seconds
		44 days	at	60 seconds
		6 months	at	240 seconds
		1 year	at	480 seconds
		3 years	at	1450 seconds
Maximum Input Frequency		500 Hz		
Indicators		Low battery; Power		
Memory Wraparound		Selectable options (Stop or Overwrite) on 512KB Internal Memory		
Clock Accuracy		10 minutes/month (.02%)		
Environmental		NEMA 4X, IP66		

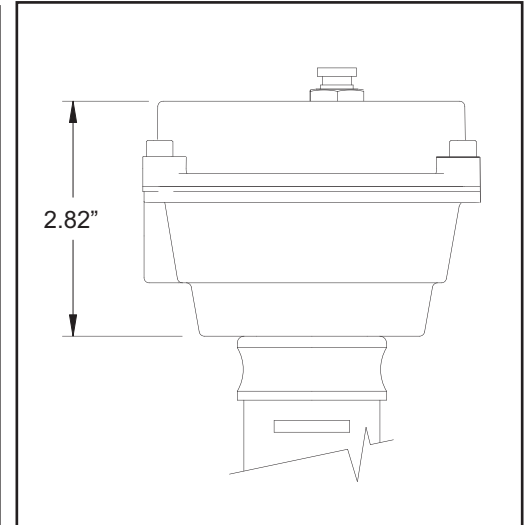
*Specifications subject to change • Please consult our website for current data (www.Seametrics.com).

DIMENSIONS

DL76W (WALL MOUNT)



DL76M (METER MOUNT)

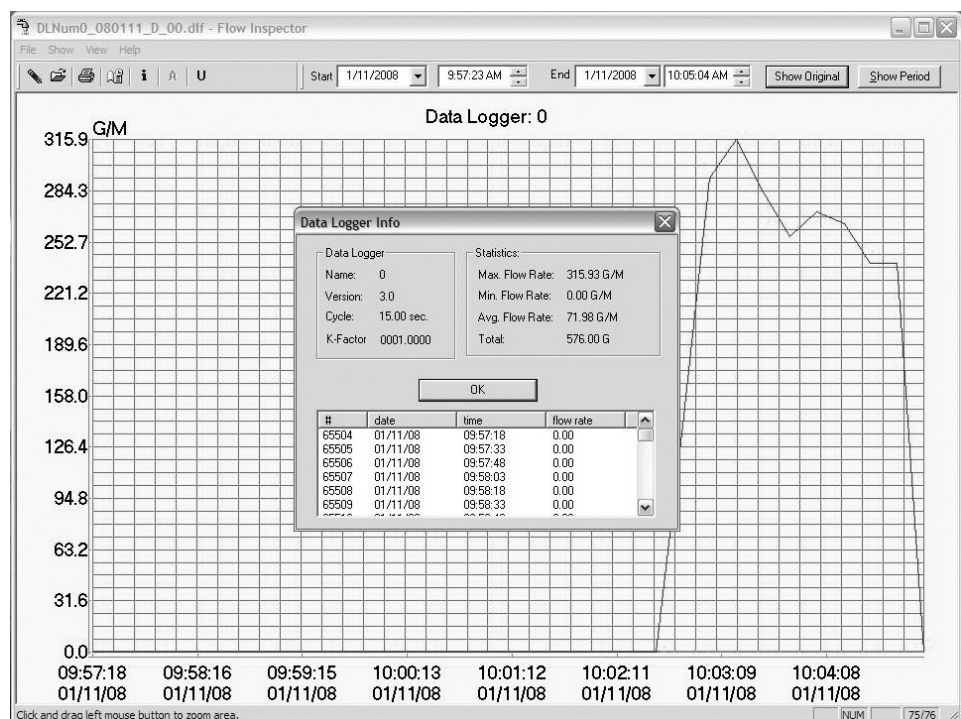


FlowInspector™ SOFTWARE

FlowInspector version 2.7 software is required for setup and operation of the DL76, including data retrieval (with a laptop computer), storage, and analysis. (NOTE: Older versions of FlowInspector are not compatible with the DL76.) Version 2.7 can be downloaded from Seametrics website for free. www.seametrics.com

FlowInspector Capabilities:

- Manage multiple loggers
- Record up to 3 years of data (depending on sampling interval)
- View current rate and total
- Download files to laptop
- Download files stored on the laptop
- Display flow information as a graph
- Display average and maximum/minimum flow rate for any selected time period
- Zoom in to graph any time period
- Show daily flow totals in table format
- Append multiple files
- Print graphs and tables
- Export data to an Excel spreadsheet (.csv) or simple text (.txt) file



HOW TO ORDER

MODEL

Data Logger = **DL76**

DL76

MOUNTING

Wall mount = **W**

Meter mount = **See appropriate
meter specification to order meter
mounted units.**

SOFTWARE

FlowInspector Version 2.7*

*If ordering a wall mounted DL76 with a mechanical meter, select the micropower -04 option.

ACCESSORIES

Data Logger Serial Cable for Laptop = **DC3**

Data Logger USB Cable for Laptop = **DC3-USB**

NOTE: If the DC3 Serial Cable is used with a laptop configured with a USB port, a serial-to-USB converter cable is required.

*FlowInspector software is available for download at: www.seametrics.com/downloads

User is responsible for reviewing end use application with their supplier for product suitability.

CONTACT YOUR SUPPLIER