

# iDAQ™ Data-Logger

## 4/8 Channel, Universal Voltage Input

### DESCRIPTION

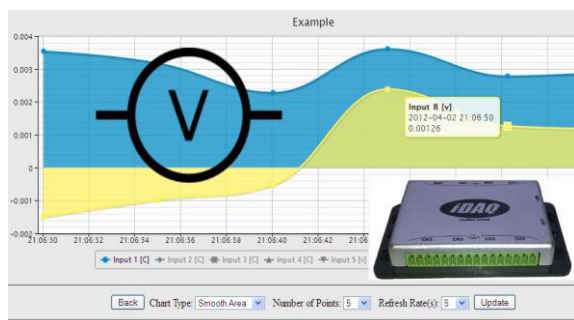
The UV-04 and UV-08 are compact, four and eight channel general purpose data-loggers. They offer high resolution, high accuracy readings and are compatible with a wide range of sensors. Units have both Wi-Fi and USB 2.0 interfaces, which is ideal for remote monitoring and PC based applications. Units also include 256Kb of internal memory for stand-alone operation.

### APPLICATIONS

- Environmental monitoring
- HVAC and refrigeration
- Eco home validation
- Heating installations
- Cold chain monitoring
- Many more...

### LIVE DEMO:

Available on request



### Key Features

- Measuring range  $\pm 2.5V$
- High resolution ( $10\mu V$ ) and accuracy (0.1%)
- Wi-Fi and USB 2.0 Interfaces - Ideal for remote monitoring applications
- Internal memory for stand-alone operation
- Multiple email alerts
- Compact, robust design

### Specifications

	UV-04	UV-08
Input type	General purpose voltage	
Number of inputs	4	8
Measuring range	$\pm 2.5V$	
Accuracy at 25 °C	0.1%	
Voltage resolution	$10\mu V$	
Converter resolution	22 bits	
Conversion time	72ms per channel	
Internal Memory	256Kb	
Input connectors	3.5mm Screw terminals	
Input impedance	$\gg 1 M\Omega$	
Interface	USB 2.0 and Wi-Fi	
Supply	5V D.C (100mA)	
Temperature range	0 °C to 70 °C operating -20 °C to +80 °C storage	
Humidity range	20% to 90% RH, non-condensing, operating 5% to 95% RH, non-condensing, storage	
Dimensions	92mm x 51mm x 18.3mm	

### Ordering Information

Part No.	Description
UV-04	UV-04 Data-Logger with Wi-Fi and USB interfaces. Measures 4 general purpose voltage inputs.
UV-08	UV-08 Data-Logger with Wi-Fi and USB interfaces. Measures 8 general purpose voltage inputs.

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