

## Valitec Portable Acquisition System

- Choice of 7 Logger Modules
- Data Storage of Up to 130,000 Time-Stamped Records
- 100 Samples Per Second
- Built-In Lithium Battery Protects Against Data Loss for 10 Years
- V4.0 Software Configures the Logging Unit, Retrieves Data into a Built-In Spreadsheet, and Generates Preformatted Graphs
- 1 Year Warranty

**Runs on Windows™ 3.1, Windows™ 95, Windows NT**

**Each Unit Includes:** AC wall adapter, 9V battery, Free software upgrades, C & A Software V4.0, 9-pin PC communication cable, 25 pin sensor interface cable



**AD128** ▶

### Ordering Information

Order #	Mfg #	Description	Price
MP5930E	AD128	Datalogger, 8 Analog, 0–5V 16 Discrete	
MP5930E-1	AD128-10	Datalogger, 8 Analog, 0–10V 16 Discrete	
MP5930E-2	AD128-T8	Datalogger, 8 Temperature, 8 Discrete	
MP5930E-3	AD128-T2	Datalogger, 6 Analog, 0–5V, 2 Temp, 14 Discrete	
MP5930E-4	AD128-T6	Datalogger, 6 Temp, 10 Discrete, 2 Analog, 0–5V	
MP5930E-5	AD128-10T2	Datalogger, 6 Analog 0–10V, 2 Temp 14 Discrete	
MP5930E-6	AD128-10T6	Datalogger, 6 Temp, 10 Discrete, 2 Analog, 0–10V	
<b>Recommended Accessories</b>			
MP23775-1	DB25TRM	Interface Board—DB25 Connector to Screw Terminal	
MP23775-2	CL-25-6	Connector-Terminated Interface Cable 6 ft DB25	
MP23775-3	WE128	Enclosure—NEMA 12 Panel Mount	
MP23775-4	TP-301	Thermistor Sensor, -10 to 150°C, 10 ft	
MP23775-5	TP-101	Thermistor Sensor, -30 to 120°C 10 ft	

### Specifications

<b>Sampling Channels:</b>	8 analog, 16 digital	<b>Sampling Interval:</b>	0.01 seconds to 99 minutes
<b>Analog Inputs</b>		<b>Battery Life:</b>	1–3 months alkaline, 2–6 months lithium
Range:	0–5V	<b>RS-232 Interface</b>	
Accuracy:	20 mV	Baud Rate:	9600 bps
Resolution:	20 mV	Connection:	9-pin female
Input Bias:	400 nA	<b>Data Format:</b>	8 data, no parity, 1 stop bit
<b>Digital Inputs</b>		<b>Size/Weight:</b>	5.8 x 3.6 x 1.3" (14.7 x 9.14 x 3.3 cm) 8 oz (226g)
"High" Threshold:	3.5V		
"Low" Threshold:	1.0V		
Input Bias:	±10 µA		
<b>Temperature</b>			
Operating:	-20°C–60°C		
Storage:	-20°C–70°C		

E

## Fluke Voltage Event Recorder System

**Just set up, plug in, download, and analyze**

- Turn Your PC into a Power Quality Tool
- Generates Professional Reports
- Captures and Time-Stamped Sags, Swells, Transients, Outages, and Frequency Variations
- Captured Limits are User-Selectable
- Stores up to 4000 Events
- Monitors 120V Receptacles

### Computer Hardware Requirements

- IBM PC or 100% compatible, with Windows™ 3.1 or Windows™ 95 installed and operating
- At least one free RS-232 serial port
- A pointing device (recommended)
- 2 MB hard drive space
- 4 MB RAM (8 MB for Windows™ 95)



▶ **VR101S/003 connected to laptop**

The VR101S is the perfect system for catching sags, transients, outages, and frequency variations on 120V line voltage, where the most sensitive loads are connected.

**Each VR101S Unit Includes:** VR101 voltage event recorder, optical interface cable, 9-to-25 pin adapter, EventView Software on two 3½" floppies, and user's manual.

**Each VR101 Unit Includes:** VR101 voltage event recorder and instruction sheet

**NOTE:** VR101S includes everything you need to get started, including EventView software for Windows™ and optical interface cable. Additional VR101 recorders can be purchased separately so you can monitor several locations at once.

### Ordering Information

Order #	Mfg #	Description	Price
MPVR101S/003	VR101S/003	Voltage Event Recorder System	
MPVR101	VR101	Voltage Event Recorder Only	

### Specifications

		Range	Accuracy
Sags, Swells, and Outage Measurements:	Hot-to-neutral	0 to 200 VRMS	±2 VRMS
	Neutral-to-ground	3 to 200 VRMS	±2 VRMS
Transient Measurements:	Hot-to-neutral	100 to 2500 Vpeak	±(10% reading + 10V)
	Neutral-to-ground	50 to 2500 Vpeak	±(10% reading + 10V)
Minimum Pulse width 1µs:	Phase angle	20° to 180°	±1°
		200° to 360°	
Frequency:		45.0 to 65.0 Hz	±0.1 Hz (3 cycles min)
Environmental:	-40° to 160°F (-40° to 70°C)/0 to 95% (non-condensing)		
Mechanical:	3.35 x 2.65 x 1.35" (85 x 68 x 35 mm)/4 oz (113g)		
Safety:	CSA Listed, CSA-NRTL (to UL 3111)		

Recorders and Data Acquisition