

X SERIES

VoltX系列

4、8、12 和 16 通道
电压数据记录仪

全新 VoltX 系列包括 4、8、12 和 16 通道、电池供电、直流电压

读取速率高达 4 Hz 的数据记录器。改进包括消除

接口电缆（使用标准 USB-A 转 Micro USB），增加内存以实现更多功能
读数并提高下载速度。

这款易于使用的设备具有 18 个月的典型电池寿命，用户可更换电池

和可编程工程单位。存储介质为非易失性固态

即使电池电量耗尽，也能提供最大程度的数据安全性。

为了最大化内存容量，用户可以启用或禁用通道。为了方便

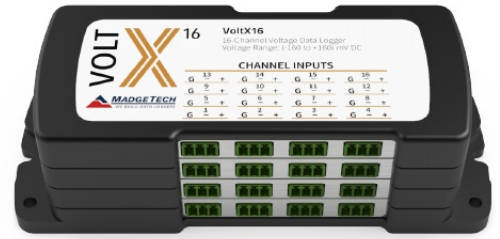
识别，每个频道可以用最多十位数字的标题命名。• 外部电源或用户可更换

使用 MadgeTech 软件，启动、停止和下载 VoltX 系列

数据记录器简单易用。提供图形、表格和统计数据

使用工程单位功能可以以多个单位查看分析和数据。• 标题频道

数据还可以自动导出到 Excel® 以进行进一步计算。• 包含校准证书



- 实时操作
- 可编程工程单位
- 24 位读数提供高
解决
- 高达 4 Hz 的读取速率
- 袖珍的

电池

- 按钮或可编程
开始时间

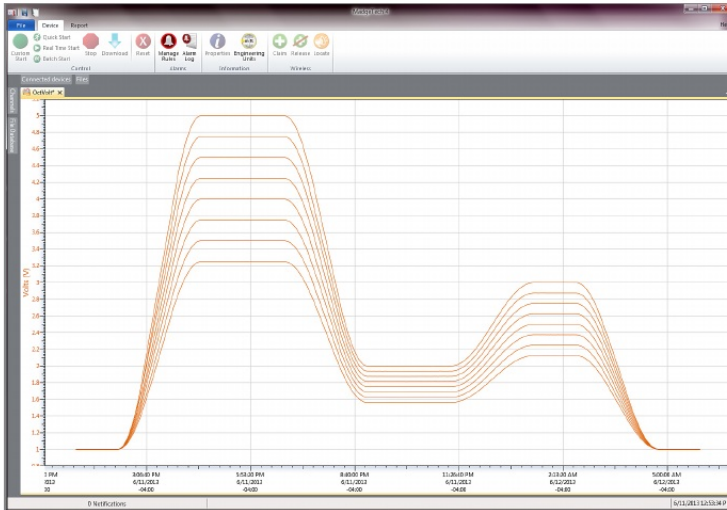
好处

- 最少的长期维护
- 长期现场部署

应用领域

- 低电平信号监控
- 电池研究
- 电源监控
- 加工厂
- 环境研究
- 研究与开发
- 取代昂贵的带状图记录仪

MadgeTech 4 软件功能 • 简单的设置和安装

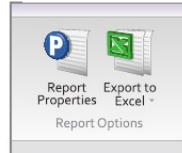


图表视图

- 多图叠加 • 平均动力学温度
- 统计 • 全时区支持
- 数字校准 • 数据注释
- 放大/缩小 • 最小/最大/平均线



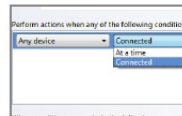
冷却标志 • 医疗/制药



导出到 Excel

Time	Time Zone	Data
11:13:37 PM	-0400	+00.0011
11:13:37 PM	-0400	+00.0101
11:13:37 PM	-0400	+00.0201
11:13:37 PM	-0400	+00.0301
11:13:37 PM	-0400	+00.0401
11:13:37 PM	-0400	+00.0501
11:13:37 PM	-0400	+00.0601
11:13:37 PM	-0400	+00.0701
11:13:37 PM	-0400	+00.0801
11:13:37 PM	-0400	+00.0901
11:13:37 PM	-0400	+00.1001
11:13:37 PM	-0400	+00.1101
11:13:37 PM	-0400	+00.1201

表格数据视图



SPECIFICATIONS

EO: sales@eofirm.com | www.eofirm.com | 0755-84200058

MEASUREMENT			
Input Connection	Removable screw terminals		
Model	160 mV	3.2 V	32 V
Voltage Range	±160 mV	±3.2 V	-8 V to +32 V
Voltage Resolution	0.02 µV	0.0004 mV	0.004 mV
Calibrated Accuracy	±0.032 mV	±0.0032 V	±0.02 V
Input Impedance	1 MΩ	125 kΩ	125 kΩ
Maximum Voltage between Inputs and Ground	+3 V	+50 V	+50 V
Analog Conversion Time	150 ms		
Frequency Rejection	60+50 Hz		
Temperature Coefficient	25 ppm/°C		
Specified Accuracy Range	Nominal range @ 25 °C		
Engineering Units	Native Measurement units can be scaled to display measurement units of another type. This is useful when monitoring voltage outputs from different types of sensors such as temperature, CO ₂ , flow rate and more.		

GENERAL	
Start Modes	Software programmable immediate start or delay start up to six months in advance
Real Time Recording	May be used with PC to monitor and record data in real time
Memory	4-channel: 698,709 readings 8-channel: 349,354 readings 12-channel: 232,903 readings 16-channel: 174,677 readings

LEDs	1 per channel and 2 status LEDs
Reading Rate	4 Hz up to 1 reading every 24 hours
Calibration	Digital calibration through software
Calibration Date	Automatically recorded within device
Battery Type	9 V lithium battery included, user replaceable
Battery Life	18 months typical
Data Format	Date and time stamped V, mV, µV, engineering units specified through software
Time Accuracy	±1 minute/month
Computer Interface	USB-A to micro USB cable (included); 460,800 baud
Operating System Compatibility	Windows XP SP3 or later
Software Compatibility	Standard Software version 4.2.19.0 or later Secure Software version 4.2.18.0 or later
Operating Environment	-20 °C to +60 °C (-4 °F to +140 °F), 0 %RH to 95 %RH non-condensing
Dimensions	4-channel: 2.70 in x 7.25 in x 1.22 in (65.6 mm x 184.2 mm x 31.0 mm) 8-channel: 2.70 in x 7.25 in x 1.22 in (65.6 mm x 184.2 mm x 31.0 mm) 12-channel: 2.70 in x 7.25 in x 1.68 in (65.6 mm x 184.2 mm x 42.7 mm) 16-channel: 2.70 in x 7.25 in x 2.14 in (65.6 mm x 184.2 mm x 54.4 mm)
Material	Black anodized aluminum
Weight	4-channel: 13 oz (368 g) 8-channel: 13 oz (368 g) 12-channel: 20 oz (580 g) 16-channel: 28 oz (800 g)
Approvals	CE

BATTERY WARNING: BATTERY MAY LEAK, FLAME OR EXPLODE IF DISASSEMBLED, SHORTED, CHARGED, CONNECTED TOGETHER, MIXED WITH USED OR OTHER BATTERIES, EXPOSED TO FIRE OR HIGH TEMPERATURE. DISCARD USED BATTERY PROMPTLY. KEEP OUT OF REACH OF CHILDREN.

Ordering Information

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U9VL-J	PN 901804-00	Replacement battery for VoltX Series