

## FEATURES

- This unit can store over 16,000 readings for temperature
- IP67 rated
- Logging rates are between 10 seconds and 12 hours
- The software is available as a free

# RS PRO PRO-USB-1 Data Logger for Temperature Measurement

RS Stock No.: 179-9535



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Introducing the RS PRO USB Temperature Data Logger. This high-quality standalone unit can measure and store up to 16,000 temperature readings from -35 to +80°C and is also IP 67 rated which means it is resistant against water, dust and debris, making it ideal for use in difficult or inhospitable environments. This data logger unit is compact, portable and incredibly versatile and can easily be set up to view the data by using the built in USB interface, making it easy to access the measured data in situ or later for review.

## General Specifications

<b>Measurement Parameters</b>	Temperature
<b>Sensor Type</b>	Temperature
<b>Interface Type</b>	USB
<b>Alarm</b>	Yes
<b>Number of Readings Per Channel</b>	16000
<b>Logging Rate</b>	User selectable between 10 seconds & 12 hours
<b>Readings</b>	16,000 temperature
<b>Software</b>	Windows 7 , 8 and 10(32-bit and 64-bit)
<b>Includes</b>	Battery
<b>Applications</b>	HVAC, Health care, Accommodation, Offices, Warehousing, Greenhouses

## Measurement

Parameters	Range	Resolution	Accuracy
Temperature	-35°C to 80°C	-	±1°C

**Electrical Specifications**

<b>Power Source</b>	Battery
<b>Battery Type</b>	1/2AA
<b>Battery Life</b>	2years

**Mechanical Specifications**

<b>Dimensions</b>	99mm x 25mm x 23mm
<b>Length</b>	99mm
<b>Width</b>	25mm
<b>Height</b>	23mm

**Operation Environment Specifications**

<b>Operating Temperature Range</b>	-35 to +80°C
<b>Maximum Operating Temperature</b>	800°C
<b>Minimum Operating Temperature</b>	-35°C

**Protection Category**

<b>IP Rated</b>	IP 67
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**Approvals**

<b>Compliance/Certifications</b>	CE , RoHS Certificate Of Compliance
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