

### Introduction

S210-AS multifunctional data logger is designed for long-term signal measurement and recording, and supports battery and external AC adapter. It measures and records two types of signals including voltage 0~5V (optionally 0~10V) and current signal 0~20mA. The recording time interval can be adjusted from 1 second to 24 hours.

### S210-AS

#### Features:

- Various inputs: 0~20mA/0~5V/0~10V.
- Patented and portable structure design.
- Can be put on desktop or wall-mounted.
- Large capacity to store up to 43000 groups of data.



### Technical Specifications

Measuring accuracy	±0.2%FS
Resolution of voltage input	15 bits(32768 levels)
Resolution of current input	30038 levels
Signal character at binary input	Low potential-less contacts or the two-state voltage signal
Minimum pulse duration at binary input	10ms(shorter pulses may not be recorded)
Maximum frequency at binary input	100Hz(i.e.maximum100pulses for1s)
Power current through contact at binary input	10uA(contact closed)
Low voltage level at binary input	0 to+0.2V(maximum current from the input 3uA)
High voltage level at binary input	+3.0to+30V(maximum current to the input100 nA)
Power	1. 5V battery×2
Display	LCD display
Measuring range	-999~9999
Sampling interval	Adjustable from 2s to 24 hours according to requirements
Product dimension	102×82×25mm(4"×3.23"×0.98"inch)
LCD size	60×36mm(3.36"×1.41"inch)
Weight	150g
Accessories	SoftwareCD,1.5V battery× 2,USB Cable,usermanual,fixedholderand screws.

### Applications

It can be used in pharmaceutical, electronic and food industries, transportation, warehouse, research institutes, weather station and laboratories.

