

# SL120 series

## Data Loggers

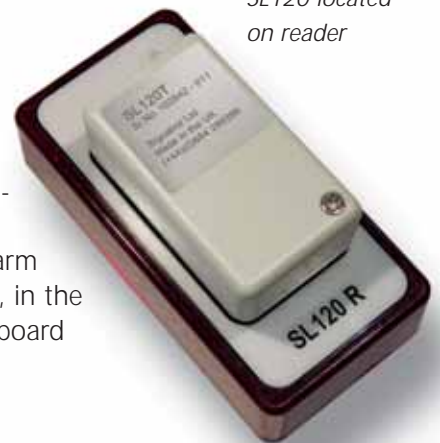
**VERSATILE  
SINGLE-CHANNEL  
COST-EFFECTIVENESS**



The SL120 series of data loggers are very small and compact in design - only 60mm long - and provide an accurate record of temperature or process signals, depending upon the model chosen.

Up to 16,000 records can be stored in the logger which uses the powerful TempIT software package running on a PC, to download the configuration and to retrieve the data. High and Low alarms can be set with a programmable time period for which the alarm limit must be exceeded before it is recognized as an alarm. Any alarm condition detected is clearly shown on the chart and, in the case of the SL121, is announced by flashing an on-board LED and audio 'bleeper'.

*SL120 located on reader*



### Features

- Small yet robust
- Cost-effective temperature recording
- Security tie option
- Environment monitoring
- High accuracy and resolution (12-bit)
- IR transfer for fast download
- LED and audio alarm annunciation (SL121)
- Current and Voltage versions

### Specification at 20°C

	<b>SL121</b>
Ambient Temperature Range	-40 to +70°C
Resolution	12-bit
Logging Interval	2 sec - 24 hours
Communications - Logger	Infrared link to reader
Communications - Reader	RS232 Port / USB (order as appropriate)
Owner Manifest	64 characters
User Manifest	450 characters
Battery Life	5 years typical @ 20°C
Protection	IP50
Material	High Impact light grey ABS
Enclosure	60 x 35 x 20mm, with key ring hole
Fixing	Mounting hole to take security tie
Max. number of readings	16,384 <sup>1</sup>
Download time	100 secs for 16k readings
Alarm Indication	Red/Green LEDs + audio bleep
Software Requirements	TempIT-Lite (Free Of Charge) or TempIT-Pro

<sup>1</sup> Programmable up to the maximum