

USRIC-8 Single-use USB PDF Temperature Recorder



Designed as a single-use, cost effective & reliable temperature recorder, the SmartTag® USRIC-8 measures and stores real time temperature readings over a measurement range of -25°C to +60°C (-13°F to +140°F).

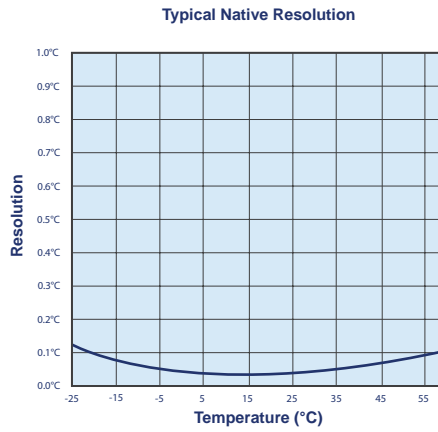
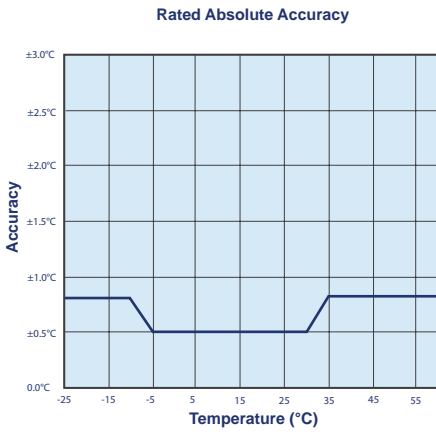
Enclosed in a robust and durable polycarbonate case - the USRIC-8 plugs directly into the computer USB to automatically generate a fully detailed PDF report with the option to download the data using the freely available SmartTag® Analyzer software for a more detailed analysis.

Product Highlights

- Integral USB connector - no separate Interface Cradle required.
- Automatically generates a PDF report - no special software required. Comprehensive customisation options including alert settings, sample interval and trip duration.
- Automatically generates an encrypted SmartTag data file - for a more detailed analysis.
- Fully user configurable using SmartTag Analyzer for push button start, date/time start or trip length start. No need to buy a special logger for each trip.
- Robust and durable polycarbonate case with lug for secure mounting.
- Up to 8,000 recordings - enough for the longest trip
- In-transit inspections can be recorded at the push of a button.
- Suitable for multiple independent receivers, clinical trials and last-mile distribution.

 **ProvenSmart**
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Accuracy/Resolution Charts



Specifications

Product Model	USRIC-8
Measurement Range	-25°C ~ +60°C (-13°F ~ +140°F)
Resolution	0.1°C (0.1°F)
Rated Absolute Accuracy	Better than ±0.5°C (±0.9°F) for measurements from -5°C to +30°C (23°F to +86°F) Better than ±0.8°C (±1.5°F) for other measurements
Sensor Reaction Time	Typically less than 5 minutes(T90) in moving air (1m/s)
Capacity	8,001 real time temperature recordings, non-volatile memory
Sampling Interval	Configurable from 1 minute to 18 hours
Logging Start Options	Push button start or specific date/time
Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator.
Download Time	Typically with full memory (8,001 readings) in less than 20 seconds from time of insertion to availability of PDF report. Typically less than 10 seconds from time of insertion to availability of LTD file in SmartTag® Analyzer (if configured)
Environmental	IEC 60529: IP64 with USB cap fitted
Power Source	3V Lithium battery - non replaceable
Alarm Functions	High/low, single, consecutive and cumulative alarm events, 'OK'/'ALERT' indicators
Connection Interface	USB 2.0, A-type plug
Software	PDF Reader, SmartTag Analyzer® 2.5 or higher
Battery Life	Shelf life of up to two years before configuration. Six months operating life from the time of configuration.
Size	93mm(H) x 54.5mm(W) x 8.6mm(T) including protective USB cap.
Weight	32g
Case Material	Polycarbonate

Recommended Applications



Cold Chain



Pharmaceuticals



Produce/Meat/Dairy



Laboratories



Agriculture & Floral



Clinical Trials



Animals



Chemicals



Blood/Organs/Tissue



Museums

Accessories



Protective Enclosure



Wall Mount Bracket



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