

KEYTAG KTL-108

...the key to "price-less" data logging.

A compact economy data recorder.

The KeyTag KTL-108 datalogger has been designed to meet the growing demand for cost effective electronic temperature recording solutions.

Combining state of the art technology, innovative design and high volume manufacturing techniques, the KeyTag system provides the most cost effective, high performance temperature data logging system available for today's market.

The KTL-108 is destined for volume applications in markets like the cold chain, agriculture, pharmaceuticals, medical and HVAC.

The free software is easy to use and it's automatic read-out and save function fully meets the use of data logging on a large scale.



KeyTag KTL-108 recorder in KTI-232 interface

Specifications:

Measurement Range	-40°C ~ +85°C (-40°F ~ +185°F)
Resolution	< 0.1°C for -40°C ~ +40°C, < 0.2°C for +40°C ~ +80°C
Accuracy	Better than ±0.5°C for -20°C~ +40°C. better than ±0.7°C for -20°C~ -30°C & +40°C~+60°C better than ±0.8°C for -30°C~ -40°C & +60°C~+80°C
Sensor reaction time	typically less than 5 minutes(T90) in moving air (1m/s)
Capacity	8032 readings (16K bytes memory)
Sampling frequency	adjustable, 30 sec to several hours
Logging start options	Push button start or specific date & time. Optional start delay of up to 18hours
Recording indication	Flashing 'OK' indicator flashing 'Alert' indicator
Download Time	Typically with full memory (8000 readings) in less than 5 secs depending on computer or readout device used
Environmental	IP65 (roughly equivalent to NEMA 4)
Power source	3V Lithium battery
Battery life	2 ~ 3 years of normal use (based on 15 minute logging, download data monthly)
Size	86mm(H)x54.5mm(W)x8.6mm(T)
Weight	35g
Case Material	Polycarbonate
Other features	<ul style="list-style-type: none"> • Logging start by push button or specific date/time start • Optional clearing of alert indication by push button (places inspection mark at same time) • Download inspection mark recorded in KeyTag memory every time KeyTag is downloaded • 'Prestart' fail-safe logging (records temperature data even if not started) • Low Battery indication in software • Comprehensive Alert indicator configuration • Calibration to achieve higher accuracy possible

Note: Resolution & Accuracy are rated values - actual product performance may be substantially better than figures stated.

KEYLOG RECORDERS

...the key to all data logging solutions.

WWW.KEYLOG.NL

KEYTAG ACCESSORIES

...the key to "price-less" data logging.

KeyTag Interface Cradles.

KeyTag's unique interface cradle design provides rapid and reliable KeyTag data transfer to KeyTag Analyzer software in only a few seconds. (by far the fastest in its class in the market)

Designed for high levels of use, the KeyTag Interface cradle can sustain many 10000's of insert cycles and gold plated contact design resists the effects of dirt and moisture.

KeyTag software can support multiple interface cradles thereby reducing the processing time of multiple KeyTag download or configuring.

USB drivers are Microsoft WHQL digitally signed and available for download from Windows Update

Product code KTI-USB (USB version)

Product code KTI-232 (RS232 serial version)



KeyTag Protective Enclosure

The KeyTag Protective Enclosure is specifically designed for use with KeyTag recorder products and allows KeyTags to be used in harsh environments.

The design of the enclosure minimises the effects of thermal lag caused by the additional casing. In general, the enclosure adds about 70% to the reaction time to temperature change for a given environment.

The enclosure's case is made from high impact polycarbonate plastic and is clear to allow viewing of the enclosed recorder's LCD or indicators.

Conservatively rated at IP67 (equivalent to NEMA6).

Supports KTL-108-D(-F), KTL-004, KTL-108, KTL-116, KTL-018-T and KTL-118-T products.

Product code KTA-PE

KeyTag Wall Mount Bracket

The KeyTag Wall Mount Bracket provides an easy and tidy solution to mounting a KeyTag on a wall, door or vertical surface while still allowing easy removal of the KeyTag for download etc.

The Wall Mount Bracket can be used inside coolstores, refrigerators, freezers, shipping containers and many other applications.

Fixing can be by the supplied double coated foam tape which offers very high bond strength on smooth unified surfaces or by optionally fixing with screws.

The Wall Mount Bracket accepts all current KeyTag recorder products including models with remote sensors which can be placed in or removed from the bracket without unplugging the sensor.

Molded in polycarbonate plastic to allow use in a large range of environments.

Product code KTA-WMB

