



tlogTAG USB Temperature Data Logger (-30 to +70°C)

TL-461



Range:
-30 to +70°C



Direct USB
A-Type



Automatic
PDF Report



Huge Memory
16,000 Readings



EN 12830
Compliant



Robust Case
Transit Safe



ISO 9001:2015
Certified Company



CE
Compliant

- ▶ Highly Reliable & Accurate Temperature USB Logger
- ▶ Huge Memory Capacity 16K (16000 readings)
- ▶ Trigger Start | Delay Start | Trigger Stop option
- ▶ No Cable | No Reader are required for data retrieval
- ▶ Customized Data Logging Solution as per User Requirements
- ▶ Sleek, Robust & Tamper-Proof Case
- ▶ Bright LED'S for Easy Identification Logging 'OK' | 'Alarm' Status
- ▶ Direct USB 2.0, A-Type Plug Integrated for Independent Interface
- ▶ Online Software for Global Installation
- ▶ One Touch PDF Report for Easy End of Trip Download
- ▶ Individual Logger Calibrated at User define Points – National | International Traceable
- ▶ Facility Audit & Pre-dispatch Inspection Available for Traceability

tlogTAG USB are most accurate; intelligent & economical loggers specially designed to retrieve recorded in-transit temperature readings without any need of proprietary PC interface cable or reader. Unit can easily slide into your existing packaging for monitoring and recording in-transit temperature conditions of pharmaceuticals, vaccines, biological products, chemicals, dairy products, agriculture, horticulture and many other sensitive shipments

Sleek design with robust casing has an advantage of placing it easily with your products for monitoring actual temperature condition. User can program required logging interval, delay start and set high | low alarm limits while activating logger. Bright LEDs for easy identification of in-transit alarm condition for the receiver.

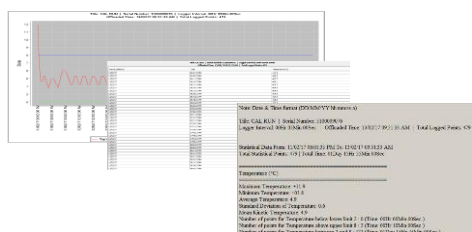
TL-461 has huge inbuilt memory capacity of 16000 readings with an integrated A-type USB port for an independent PC interface at the receiver end. No need of any additional hardware, reader or cable to connect logger to download recorded readings from it. All recorded readings are available in tamper-proof .INN format (100% non-editable format) and secured PDF format. TLog Software available online for global installation confirming retrieved file in .INN formats is original, tamper-proof & secured.

Specifications:

Type:	Temperature USB Logger
Range:	-30 to +70°C (-22 to +158°F)
Accuracy:	better than $\pm 0.5^\circ\text{C}$
Resolution:	0.1°C
Memory Type:	Non-volatile
Memory Capacity:	16,000 readings
Logging Interval:	1 minute to 18 hours
Delay Start:	1 minute to 10 days
Alarm:	2 programmable High & Low Alarm set points
Indication:	Two Bright LEDs – Green LED during Logging & Red indicating Alarm condition
Push Buttons	Two secured push button to trigger START & STOP logger
Case:	Robust Tamper-proof Polycarbonate / ABS food grade case (optional with IP67 protected waterproof cover)
Dimensions:	L 58mm x H 39mm x W 8mm (approx)
Weight:	18g (approx)
Battery Type:	3.0V Lithium Cell [Replaceable]
Battery Life:	12+ months operating life (actual battery condition is displayed in software)
Shelf Life:	24 months dependant on the storage conditions (optimal storage conditions is +15 to +24°C / 45 to 75%RH)
PC Interface:	Direct USB 2.0, A-Type plug (integrated - for independent interface)
Analysis Software:	User-friendly TLog software available online for global installation Abode PDF report including Graph, Table & Summary showing Min./Max./Avg./MKT values
System Requirements:	Windows 7 or higher; Adobe Reader 9.0 or higher
QA Certifications:	Traceable certifications available as per user required calibration check points of individual unit Quality Management System in accordance with ISO9001:2015 certified by TÜV SÜD



Unique Features of Software:



- ▶ Graphical view
- ▶ Table of readings view
- ▶ Statistical view
- ▶ Maximum recorded value
- ▶ Minimum recorded value
- ▶ Average recorded value
- ▶ Mean kinetic temperature value
- ▶ Overlay of graphical view
- ▶ Time spent over specified set limits
- ▶ Time spent below specified set limits
- ▶ Display current temperature reading
- ▶ Display Actual Battery Condition
- ▶ Auto Comport Detection
- ▶ One click detailed PDF report

