

We manufacture **tlog** DATA LOGGERS

Electronic monitoring solutions
for **LAST MILE COMPLIANCE** since 1997



TLog PRO compact data loggers reliably document (using automatic multiple report formats) the temperature and humidity of sensitive goods, such as pharmaceutical, chemicals and food.






Measure | Verify | Document | Email
Complete **SUPPLY CHAIN** Monitoring Solutions

TLog PRO data loggers are DIN 12830 and 21 CFR Part 11 compliant and conform to the EU regulations for storage and transport of cooled and frozen goods, as well as those of the US Food & Drug Administration (FDA).

- Plug & Play: No need of Software installation on the PC is necessary for configuring/programing logger & for retrieval of recorded readings from it
- Automatic generation of multiple report formats without need of software
- Application to configure loggers is stored on the data logger memory
- Traceable calibration certificate stored on the logger
- Fast data transfer by USB interface and straight forward assessment on the PC
- Password protection to secure logger access (optional)
- Set email id to get reports via email on single click (optional)
- Approved by all major airlines





Our Manufacuturing & Quality Management System is in accordance with ISO 9001:2015 certified by TÜV SÜD

Technical Data	TL-463 Temperature Data Logger	TL-783 Temperature Data Logger with Display	TL-786 Temperature Logger with Display & Ext Sensor
Housing: PC, ABS Food Grade, IP54 not encapsulated, optional IP65 with seal bag			
Display:	none	current value minimum, maximum and average value, logger status: START, RUN, STOP, alarm status: okay – no alarm, not okay – high & low alarm	
Size:	39 x 8 x 58mm	43 x 10 x 80mm	
Weight:	approx..18g	approx..30g	

Technical Data Temperature Data Loggers TL-463, TL-783 and TL-786

Int. temperature range:	-30 to +70°C (TL-463,TL-783)
Ext. temperature range:	-100 to +150°C (TL-786)
Accuracy:	+/- 0.4°C
Resolution:	0.1°C
Memory capacity:	16,000 values
Logging Interval:	1 min to 10 days
Alarm:	Indication on LCD display: Okay – No Alarm; Not Okay for High – Low Alarm, Min./Max. value, indication on LED – flickering of Red LED
Type of battery:	3.0V (Panasonic CR2032)
Life of battery:	approx. 1 year, user replaceable for multiuse loggers
Interface:	USB 2.0, A-Type

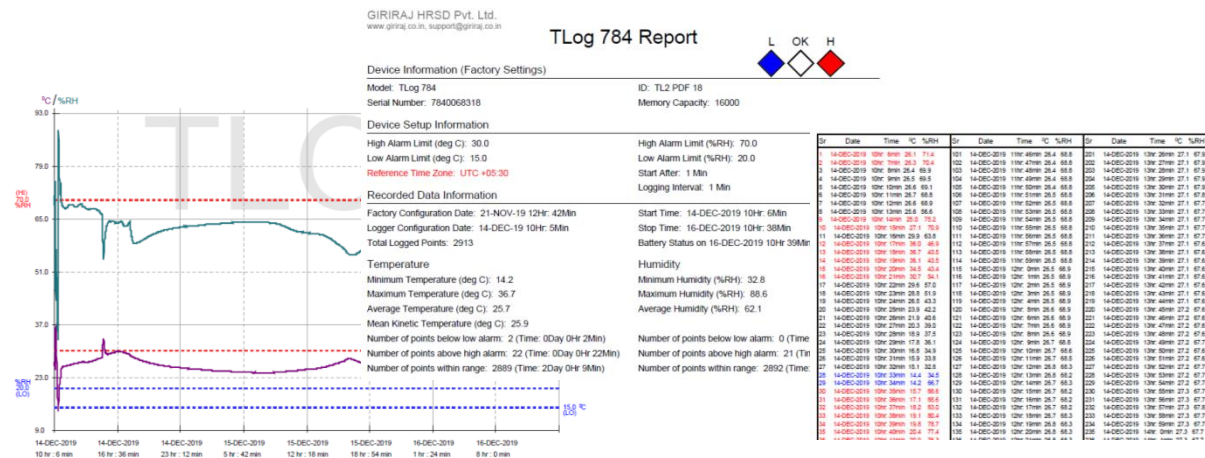
Technical Data	TL-464 Temperature and Humidity Logger	TL-784 Temperature and Humidity Logger with Display
Housing: PC, ABS Food Grade, IP54 not encapsulated		
Display:	none	current value minimum, maximum and average value, logger status: START, RUN, STOP, alarm status: okay – no alarm, not okay – high & low alarm
Size:	43 x 10 x 80mm	43 x 10 x 80mm
Weight:	approx...30g	approx....30g

Technical Data Temperature and Humidity Data Loggers TL-464 and TL-784

Temperature range:	-30 to +70°C
Humidity range:	0 to +100% rel. humidity
Accuracy:	+/- 0.4°C / +/- 3% rel. humidity
Resolution:	0.1°C / 0.1%RH
Memory capacity:	32,000 values (16,000 per channel)
Logging Interval:	1 min to 10 days
Alarm:	Indication on LCD display: Okay – No Alarm; Not Okay for High – Low Alarm, Min./Max. value, indication on LED – flickering of Red LED
Type of battery:	3.0V (Panasonic CR2032)
Life of battery:	approx. 1 year, user replaceable for multiuse loggers
Interface:	USB 2.0, A-Type

Secure monitoring and documenting of transport and storage conditions

TLog PRO data loggers are fitted with **clear status and alarm LEDs**, which indicate instantly if the transport or storage conditions are within the pre-defined values.



Integrated USB 2.0 A-Type plug and advance on-board processor eliminates need of proprietary software & hardware for an independent PC interface at the receiver end. Unit will automatically create a tamper-proof secured & unalterable Adobe PDF | Excel | CSV report of recorded readings. This report includes Graphical view, Table of Readings view & Statistical view showing Minimum, Maximum, Average, MKT values, etc... Unit is tamper-proof, with encrypted password-protected records for compliance with 21 CFR Part 11. Accuracy of logger is certified by traceable Calibration Certificate available in its internal memory to meet requirements of receiver quality assurance team.

Product Range:-

SOLO-Temperatures	tlogTAG 461	tlogCRYO 465 (probeless)	tlogAUTOCLOVE 467 (probeless)
			
-30 to +70°C	-30 to +70°C	-90 to +50°C	0 to +130°C

We offer **STANDARD & CUSTOMIZED** products
with **traceable initial calibration of individual unit...**

Please contact us for prices and terms of delivery.

We are committed to highest quality & compliance standards:

compliance

EN:12830

TUV SUD

FDA

RoHS

CE

Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery | Hydraulics | Vacuum Industry
Green House | Server Room | Confined Space | Cold Storage

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