



Temperature logging and monitoring throughout the Cold Chain



Portable Data Loggers

NOVUS portable data loggers are the ideal temperature monitoring solution for temperature sensitive products during their storage and transportation. They continuously register the temperature and indicate any undesirable events that might occur during the logging period through a LED indicator. Models with either internal or external temperature sensor are available and indicated for different applications.

USB configurable models can be configured, monitored and downloaded by the **LogChart-II** Windows® free software while the wireless NFC models are accessed through a smartphone using the **LogChart-NFC** free Android application. The ease of data downloading through a smartphone allows the data logger to be used in several different applications.

A USB to NFC converter is also available making it easy to download data from the **NOVUS** wireless portable data loggers using a PC.



TagTemp-USB & TagTemp-Stick

Compact data loggers with internal temperature sensor and IP67 rated. They can store up to 32000 temperature values which can be easily downloaded through USB to your computer.

The **TagTemp-USB** is powered by a replaceable battery that lasts up to 1 year.

The **TagTemp-Stick** is powered by a non-replaceable battery that lasts up to 2 years. Its sealed body protects the data logger from water on the most several environments.

TagTemp-NFC & TagTemp-NFC-LCD



Compact data loggers with external temperature sensor are ideal for temperature monitoring into cold boxes, fridges and cold rooms. The data can be downloaded via wireless NFC protocol using either a smartphone or a PC. The **TagTemp-NFC-LCD** is a fully-featured portable data logger that can be used as a logger while indicating minimum and maximum measured temperature. It is powered by a replaceable battery that lasts up to 2 years. The **TagTemp-NFC** is a data logger with sealed body and IP68 rated. It is powered by a non-replaceable battery that lasts up to 1 year.

TagTemp-S

Cost-effective data logger recommended on transportation applications known as “single-trip” which the logger does not return to the sender, even though the data logger is reconfigurable and reusable. This NFC wireless data logger can be configured, monitored and downloaded either through a smartphone or a PC.





Configuration and Analysis Software

LogChart-II is a software that allows device configuration, data download and analysis. It is fully compatible with the **TagTemp** data logger family.

This Windows® free software features graphic analysis tools, allows comments for every temperature point and data exportation in different file formats.



**NOVUS
Cloud**

The **NOVUS Cloud** service is offered as an option for the wireless data loggers that collect data through Android smartphones. The **LogChart-NFC** app allows you to send data to the **NOVUS Cloud** portal. Once the data is into the **NOVUS Cloud** it can be viewed from everywhere, anytime.

Features

	TagTemp-USB	TagTemp-Stick	TagTemp-NFC-LCD	TagTemp-NFC	TagTemp-S
Measuring Range	-20°C to +70°C		-40°C to +60°C		-30°C to +70°C
Accuracy	± 0.5 °C to 25 °C ± 1.0 °C in full range				
Resolution	0.1 °C / 0.1°F				
Logging Capacity	32000 acquisitions		4000 acquisitions		
Acquisition interval	Programmable between 5 seconds and 18 hours		Programmable between 1 minute and 4 hours		
Communication Interfaces	USB		RFID ISO 15693/NFC-V		
Power Supply	Lithium Battery, 3V (CR2032), replaceable	Lithium Battery, 3V, internal, non-replaceable	Lithium Battery, 3V, replaceable	Lithium Battery, 3V, internal, non-replaceable	
Battery Autonomy	1 year with 15 min acquisition interval	2 years with 15 min acquisition interval	2 years with 30 min acquisition interval	More than 1 year with 30 min acquisition interval	
Housing	ABS + PC body and lid. Protection rate IP67	Polyamide body injected. Protection rate IP67	ABS + PC body and lid. Protection rate IP54	Polyamide body injected. Protection rate IP68	Polyethylene terephthalate (PET)
Dimensions	55 x 38 x 18 mm	78 x 23 x 10 mm	65 x 44 x 8 mm	65 x 44 x 11 mm	37 x 57 x 8 mm
Sensor	Internal		External (1 m or 30 cm)		Internal