

# newsteologgers

Monitor in real-time the temperature and humidity of your goods



## MEASURE ANALYSE ALERT

The Newsteo Logger range monitors the conditions of temperature and humidity in a warehouse, a cold storage...

### Available sensors:

- Temperature
- Humidity
- PT100
- PT1000
- Thermocouple



### ONLINE MONITORING

WebMonitor application enables any allowed user to bring up on screen measures from Newsteo loggers from any device connected on the internet.



### LOCAL MONITORING

RF Monitor Software enables to remotely configure and monitor all Newsteo products from a local PC.

## APPLICATIONS

### Medical

- Temperature control in medical stock
- Temperature control for the transportation of organs, vaccines...

### Quality Control and Insurances

- Evidence of good storage conditions
- Liability search in case of damage



### Food

- Control of the cold chain and dew point
- temperature
- Temperature control in the storage of food
- Temperature control for pasteurization and sterilization

Also, temperature and humidity control in agricultural greenhouses, museums, art galleries, storage of paper...

# ASSETS

## Reliable and efficient measures

- Very high accuracy
- Instant display of the dew point temperature
- Real-time transmission of data and wireless download of the recorded data
- Transmission through walls and reinforced concrete slabs
- Real-time alert on the PC in case of measure out of the thresholds
- Save time: download several loggers simultaneously
- Low drift

## Freedom of use

- Great battery life
- Large data storage capacity
- Batteries easily replaceable by the user

## Compact and robust

- Miniature and easy to fix
- No cables or connectors
- Can be moved at will

# TECHNICAL FEATURES

Discover all our range of loggers and probes on [www.newsteo.com](http://www.newsteo.com)

## Temperature dataloggers (LOG) IP54

### Newsteo Logger LOG26

Measuring range : -40 to +70°C  
Accuracy : ± 0.3 °C

## Temperature humidity dataloggers (LOG) IP54

### Newsteo Logger LOG20, LOG22, LOG25

Measuring range : -40 to +70°C 0 to 100 % RH  
Temperature accuracy : ± 0.3 °C to ± 0.5 °C  
Humidity accuracy : ± 2 % to ± 4.5 %

## Temperature dataloggers (LOG) IP65

### Newsteo Logger LOG36

Measuring range : -40 to +85°C  
Accuracy : 0.3 °C  
Certified : EN12830



## Temperature humidity dataloggers (LOG) IP65

### Newsteo Logger LGR64

Measuring range : -40 à +85°C  
0 à 100 % RH  
Temperature accuracy : +/- 0.2°C  
from 0 to 60 °C  
Humidity accuracy : ± 1.8%



## Main characteristics of the Temperature and Temperature / Humidity LOG

Operating temperature : -40°C to +70°C  
Battery autonomy : Up to 2 years  
(at 25°C with a frequency, measure of 15 minutes)  
Memory capacity : Up to 32 250 measures  
with date and time.  
Size : 96 x 40 x 20 mm  
Battery : ½ AA Lithium Thyonile  
Case : ABS IP54 for non condensed  
atmosphere  
Antenna : ¼ include wavelength



## Temperature humidity dataloggers (LGR) IP65 with external sensor

LGR32 : for Newsteo Temperature and Humidity probes  
Measuring range : - 40 ... +125 °C, 0...100% RH



## Temperature dataloggers (LGR) IP65 with external sensor

LGR30 : for PT100.  
Measuring range : -250 ...+850°C  
LGR33 : for PT1000.  
Measuring range : -250 ...+800°C  
LGR37 : for thermocouple  
Measuring range according to the thermocouple  
LGR36 : for Newsteo digital temperature probe  
Measuring range : -25 °C to +80°C  
LGR46 : with 2 temperature sensors

## Main characteristics of the Temperature and Temperature / Humidity, LOG36 and LGR

Operating temperature of the logger: -40°C to +85 °C  
Battery autonomy : Up to 3 years (at 25°C with a frequency) measure of 15 minutes)  
Size : 98 x 64 x 34 mm  
Battery : AA Lithium Thyonile with fast connector  
Casing : IP65 Aluminium  
Memory capacity : Up to 32 250 measures with date and time.  
Probe : sold separately

## Temperature datalogger (LOM) IP67

Measuring range : -40°C ... +60°C  
Accuracy : from +/- 0.1 °C to +/- 0.3°C  
Waterproofness : IP67  
Certified : EN12830  
Weight : 26g  
Size : 90mm x 26mm  
Battery : 1/2 AA Lithium Thyionle with connector



## Evaluation kit

Newsteo proposes various kits allowing you to discover Newsteo solutions. The kits are made of a temperature datalogger, a radio receiver and the RF Monitor software for measurement displaying.



For further information: [www.newsteo.com](http://www.newsteo.com)