newsteo**loggers**

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

MEASURE
ANALYSE
A L E R T

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

Available sensors:
- Temperature
- Humidity
- PT100
- PT1000
- Thermocouple

Monitoring and Record

The Newsteo Loggers are installed in the environment to monitor and send in real-time the measurement to the receiver (PC, Ethernet gateway) through radio. If the measure is not received, the Logger stores it in its embedded memory and returns it on the next window of communication. The same receiver can manage a network of 500 loggers, all measurements are displayed and archived in a database.

The Newsteo Logger can also operate in Record mode: it stores all the data without trying to transmit it. It downloads then all of it when it receives by radio the order to.

APPLICATIONS

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

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

Quality Control and Insurances
- Evidence of good storage conditions
- Liability search in case of damage

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
- Savetime: 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

Temperature dataloggers (LOG) IP54

Newsteo Logger LOG26, LOG56, LOG66

Measuring range : -40 to + 70°C
Accuracy : ± 0.3 °C
1 internal sensor or 1 internal sensor and 1 external sensor

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 %

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 incluse wavelenght

Temperature dataloggers (LOG) IP65

Newsteo Logger LOG36

LOG36 : EN12830 certified

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

Temperature humidity dataloggers (LOG) IP65

Newsteo Logger LGR54

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

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 (K, R, S, B, E, J, N, G, C, D, T)
Measuring range according to the thermocouple

LGR36 : for Newsteo digital temperature probe
Measuring range : -25 °C to +80°C, exists 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 IP65 Aluminium
Memory capacity : Up to 32 250 measures with date and time.
Probe : sold separately

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

Temperature datalogger (LOM) IP67

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

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