Kaye Log

Cold Chain Monitoring During Transport

Wireless and affordable temperature monitoring on a tiny device.
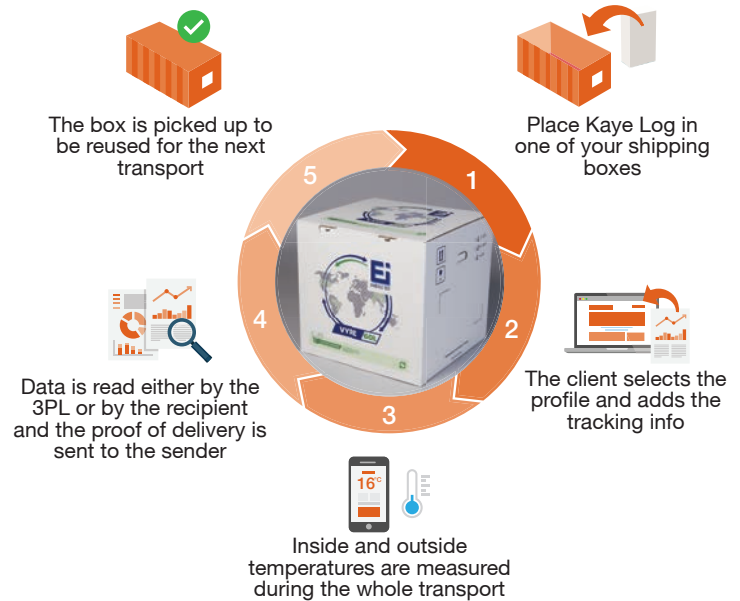
Monitor your sensitive product shipment on your smartphone

What is NFC Technology?

NFC – Near Field Communication allows contact less communication between devices like smart phones or other enabled devices.

No matter where you are - with just one swipe on your with NFC Technology equipped device it is now possible to instantly, read, send and receive alerts.

All-in-one solution for transporting your temperature-sensitive products

The box is picked up to be reused for the next transport

Place Kaye Log in one of your shipping boxes

Data is read either by the 3PL or by the recipient and the proof of delivery is sent to the sender

The client selects the profile and adds the tracking info

Inside and outside temperatures are measured during the whole transport

Up to 90% reduction of time spent in operations

NFC
Fast and secure data transfer with any NFC enabled mobile device.

Eliminates the need to remove device from shipment.

Accurate and Robust
Reliable measurement technology, electronic certificates included with each logger.

Alert LED's
Instant visual notification if thresholds have been breached.

Logistics Simplified
Only 2.5mm thick, easily integrates into any packaging.

Label can be programmed with any shipment and product information.

Cloud Security
Encrypted data transfer to the secure cloud.

Access protected by user accounts.

Affordable, Single and Multiuse
Different versions ranging from 36 days to 1 year of use.

Protecting your Pharma Shipments

The Kaye Log NFC Data Logger enables full temperature traceability during the transport of temperature, or temperature/humidity sensitive products.

Upon arrival of the package, a go/no-go LED (that can be personalized) indicates immediately if the cold chain has been breached.

All temperature/humidity history can be directly accessed from any smartphone equipped with the NFC technology along with GPS and shipping information.

Loading / Packing

- Loggers, pre-programmed with all the stability info are integrated with products
- Logger's ID is paired with ID of the product/shipment
- Easy integration with serialization, tracking and quality platforms
- Possibility to add logistics and product info

Trans-shipment / Import

- Logistic agents can check parameters via NFC without opening the box/pallet
- Current temperature/geolocalisation info is sent to the client, allowing pro-activity

Delivery

- PDF report is generated automatically upon reading of data
- All the data is uploaded to the cloud
- The sender gets an automatic proof of delivery

Kaye Log NFC X3105 Series Temperature Data Logger

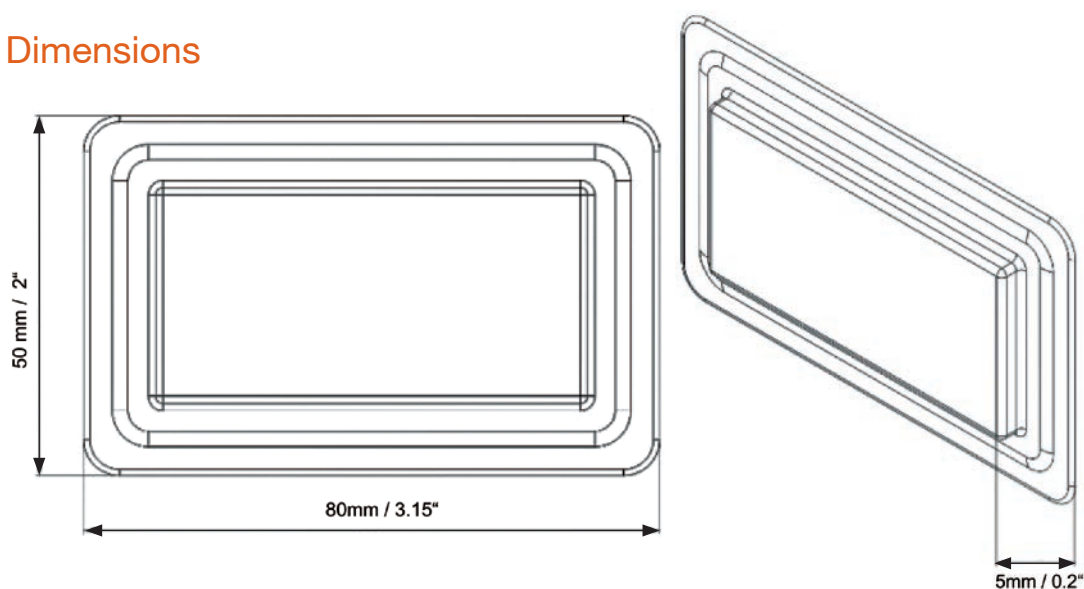## Available as Single Use (36/100 days) or Reusable (1 year)

Features

- Temperature measurement
- Sensirion® calibrated sensor
- Temperature range: -40°C to +60°C
- Resolution: 0.1°C
- NFC
- Internal battery
- Quick and easy installation
- Maintenance-free
- Resistant to weather conditions
- Resistant to mechanical damage
- IP 67
- Compliant with norms:
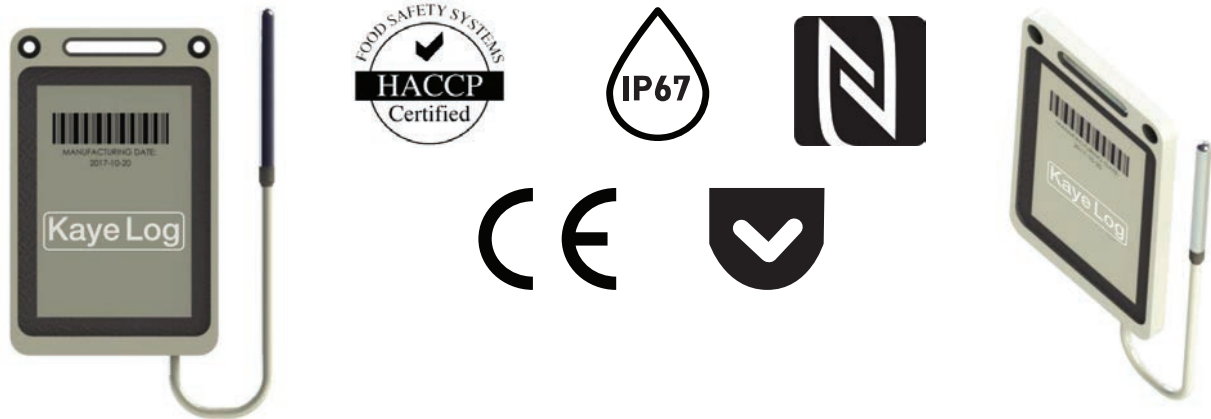   - CE
    - HACCP
    - ETSI 300220
    - FCC

Technical Specifications - X3105	
Temperature unit	°C
Temperature Range	-40°C to 60°C
Accuracy	From 0°C to +30°C typically +/- 0.2°C; +/- 0.5°C for the rest
Validity	part #: X3105-111-1 / 36 days single use
	part #: X3105-121-1 / 100 days single use
	part #: X3105-114-1 / 1 year reusable
Intervals	10 minutes default. Modifications start from 1 minute with resolution of 1 second
Memory	5.000 records
IP	67
Power Supply	Internal Battery
Dimensions	85mm x 50mm x 5mm
Weight	10g
Necessary equipment	NFC reader, smartphone or tablet with NFC

Dimensions

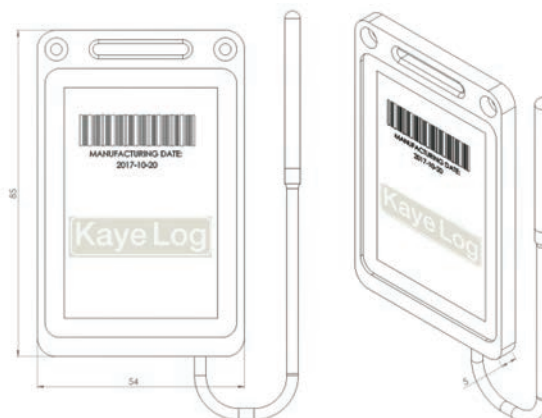# NFC X3106 Temperature Logger with External Probe

Logger Characteristics

- Temperature measurement
- Sensirion® calibrated sensor
- Sensor attached on external probe
- Probe length and shape can be customized (default 1 Meter)
- Temperature range: -40°C to +120°C
- Resolution: 0.1°C
- NFC depending on logger
- Internal battery
- Quick and easy installation
- Maintenance-free
- Resistant to weather conditions
- Resistant to mechanical damage
- IP 44
- Compliant with norms:
  - CE
  - HACCP
  - ETSI 300220
- Logger holder provided

Techinical Specifications - X3106	
Temperature unit:	°C
Temperature range:	-40°C to +120°C
Accuracy:	From 0°C to +30°C typically +/- 0.2°C; +/- 0.5°C for the rest
Validity:	part #: X3106-111-1 / 36 days single use part #: X3106-121-1 / 100 days single use part #: X3106-114-1 / 1 year reusable
Resolution:	0.1°C
Intervals:	10 minutes by default. Modifications starts from 1 minute with resolution of 1 second
Memory:	5000 Samples
IP:	44
Power supply:	Internal battery
Dimmensions:	85mm x 54mm x 5mm
Weight:	30g
Necessary equipment:	NFC reader, smartphone or tablet with NFC

NFC X3106 with External Probe Dimensions

NFC X3110 Temperature and Humidity Data Logger

Logger Characteristics

- Temperature and humidity measurement
- Sensirion® calibrated sensor
- Temperature range: -30°C to +70°C
- Humidity range: 0% to 100%
- Resolution: 0.1°C
- NFC
- Internal battery
- Quick and easy installation
- Maintenance-free
- Resistant to weather conditions
- Resistant to mechanical damage
- IP 44
- Compliant with norms:
    - CE
    - HACCP
    - ETSI 300220
- Logger holder provided

Techinical Specifications - X3110	
Temperature unit:	°C
Temperature range:	-30°C to +70°C
Humidity range:	0% to 100%
Accuracy:	From 20% to 80% typically +/- 2%
Validity:	part #: X3110-111-1 / 36 days single use part #: X3110-121-1 / 100 days single use part #: X3110-114-1 / 1 year reusable
Resolution:	0.1°C
Intervals:	10 minutes by default. Modifications starts from 1 minute with resolution of 1 second
Memory:	5.000 records
IP:	44
Power supply:	Internal battery
Dimmensions:	85mm x 54mm x 5mm
Weight:	30g
Necessary equipment:	NFC reader, smartphone or tablet with NFC

NFC X3110 Dimensions

NFC USB Reader

The NFC USB Reader allows the user to program and read data from the NFC loggers on a computer running Windows.

Kaye NFC allows you to create a profile with your recording settings (min. and max. temperatures, frequency, etc.) and apply this profile to one or more NFC loggers. Simply follow the software instructions - position your loggers on the reader to program them quickly.

The NFC USB Reader, combined with Kaye NFC Software saves you time by allowing you to scan an entire pack of loggers at one time and download data from them.

NFC Android Reader

The first professional Android-based NFC device designed to meet B2B expectations.

Features and Benefits

- **Android Based** – as flexible as a smartphone
- **Highly Mobile** – lightweight, pocket-sized and connected
- **Managed over the air** – centralized and secure OTA device management platform
- **Dedicated device** – can be dedicated to a single application
- **Secure by design** – embedded SE/SAM for the highest security

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Warranty and disclaimer:

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