



## MicroLite Solution – Delivers measurable quality assurance

**Application:** Temperature monitoring of pharmaceutical products  
**Organization:** One of the leading global pharmaceutical company

### Background:

In order to secure the integrity of sensitive materials, pharmaceutical companies today are obligated to comply to the highest industry standards, due to increased regulatory in pharmaceutical cold chain processes

### About the Customer:

Among the top 15 pharmaceutical companies in the world, this organization specializes in the development, production and marketing of branded pharmaceuticals and active ingredients.

### Key Customer Challenges:

- Delay in receiving needed data from the monitored shipments and sometimes lost data, as the company had to wait for the logger to be returned from the recipient.
- Tight packaging requires a compact logger that meets minimal space allowances.
- A simple solution that could be activated automatically and enables alarm indication during the shipment.

### Solution:

MicroLite with internal temp/RH

### MicroLite Implementation:

The MicroLite RH logger is placed inside the shipping box after it has been programmed to start when the courier arrives to pick up the package. In addition, the email accounts that should receive the automatic data report are defined. Samples are recorded at 1 minute intervals during the shipment.

When the shipped box arrives to its destination, the receiver connects the logger via direct USB interface to the computer, resulting in automatic creation and emailing of PDF data report to the operation manager at the pharmaceutical company. This automatic process is possible thanks to the unique Boomerang feature. In addition, the receiver downloads the monitored data for his records.

### Measurable Results:

- **Measurable quality assurance** - Accurate and reliable confirmation of temperatures and humidity with detailed analysis of shipment from origin to destination.
- **Efficient monitoring process** – the ability to receive the data report automatically via the Boomerang feature enables a more efficient monitoring process and avoiding unnecessary resources to ensure receipt of the data from the process. Thus, eliminates delay in receiving the data or even sometimes data loss.
- **Value for money** - water resistant, compact, accurate, low cost monitoring system with zero implementation, packaging disruptions or training costs.