

Monitoring Devices

The KTECH series - Effortless solutions for monitoring



MONITORING



We specialize in **precision monitoring and automation** for modern laboratory advancements

www.lariantech.com





GATEWAY

The Gateway Device by Larian Tech is the central hub for all data received from connected node devices. This device ensures seamless communication for comprehensive monitoring.



NODE

Advanced monitoring capabilities for **modern laboratories**. Wireless communication with a range of up to **200 meters**. Guarantees uninterrupted data transmission.



NODE LITE

Our compact and battery-powered monitoring device, designed for flexibility and convenience. It offers robust features to meet various laboratory needs. Operates using a rechargeable battery.

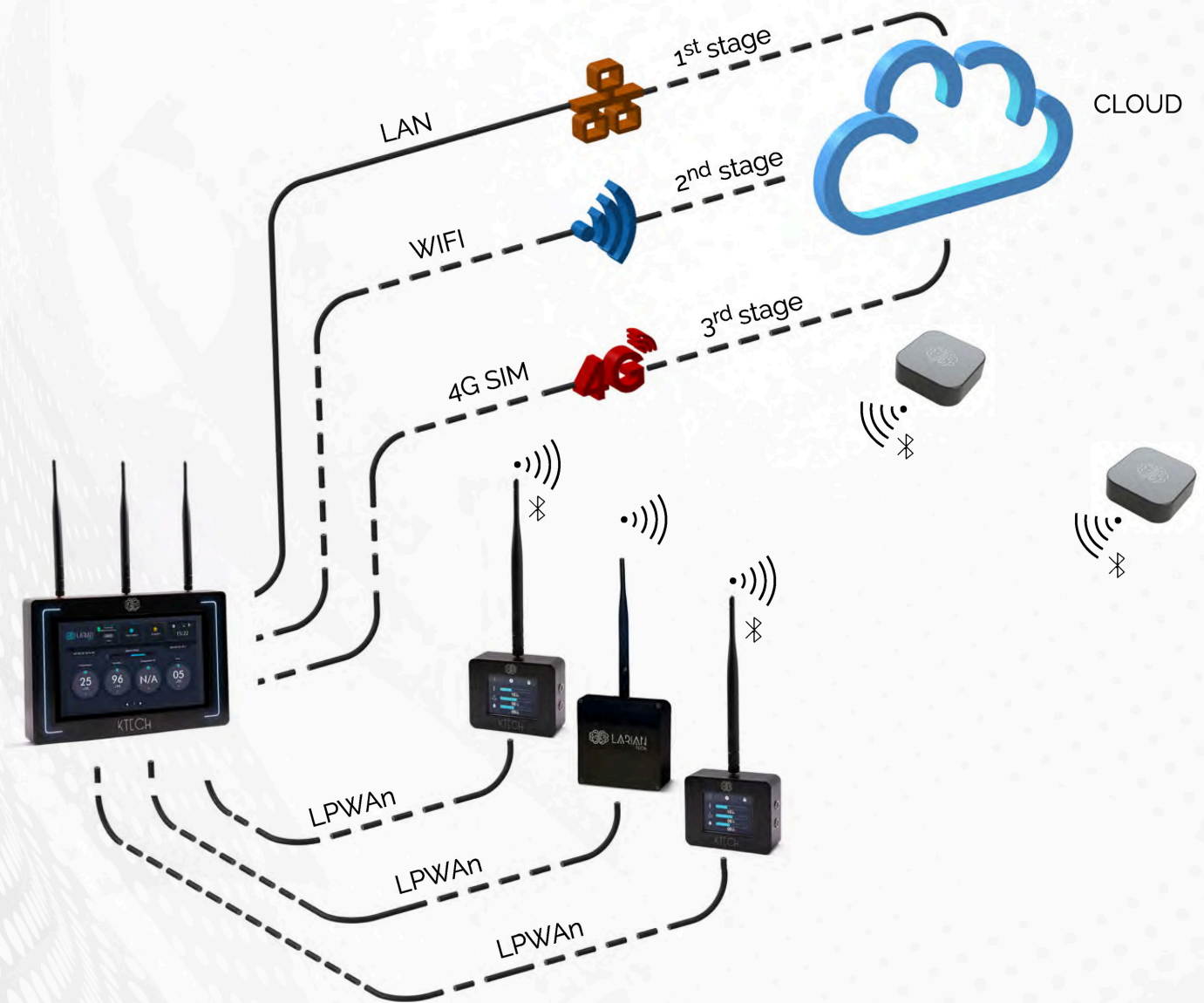


SPILLTECH

Introducing the state-of-the-art Liquid Monitoring Device by Larian Tech. It is designed to provide continuous monitoring of your resources using real time spill detection. Now available!

Working Principle

The KTech Gateway serves as the core component of our system, gathering sensor data from various nodes through LPWAN or Bluetooth. Subsequently, the gateway transmits this data securely to the LarianTech Cloud utilizing LAN, Wi-Fi, or a 4G SIM. This layered communication approach facilitates real-time monitoring, immediate alerts, and seamless data management. This provides your laboratory with dependable, on-demand insights.



cloud



Our sophisticated **cloud solution** provides strong security, quick data access, and **effortless integration** with LarianTech's state-of-the-art monitoring devices. Featuring round-the-clock accessibility, a scalable framework, and **real-time notifications**. These features enable you to uphold the utmost standards of accuracy and dependability in your laboratory.

Centralized Device Management

- **Seamless Integration:** Add gateways and node devices in just a few clicks.
- **Flexible Control:** Adjust device settings directly from your admin panel.
- **Future-Ready:** Effortlessly scale as your lab's needs evolve.

Multiple User Access

- **User Hierarchies:** Add and remove users with varying permission levels.
- **Collaborative Oversight:** Share critical data with your team, ensuring everyone stays informed.

Intelligent Alarm Management

- **Custom Alert Profiles:** Define alarm thresholds tailored to your lab's parameters.
- **Instant Notifications:** Receive text messages, emails, or app push alerts for real-time awareness.
- **Proactive Safety:** Minimize downtime and protect valuable samples with immediate issue detection.

Quick-View Graphs & Analytics

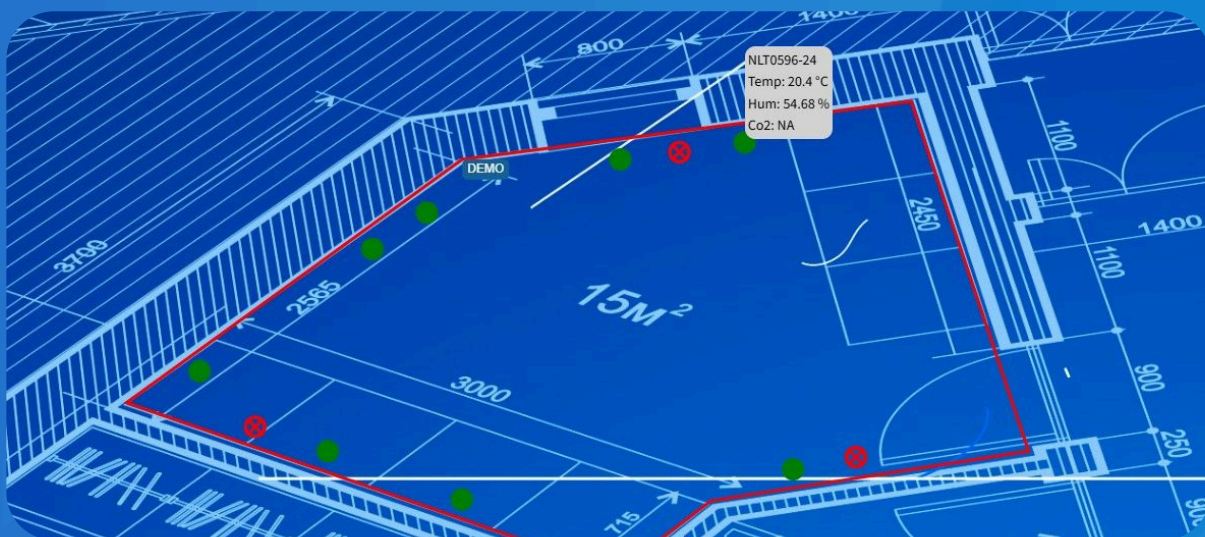
- **Dynamic Visuals:** Monitor key metrics at a glance with intuitive charts.
- **Custom Timeframes:** Focus on the specific data range you need for faster decision-making.
- **Easy Export:** Download graphs in one click for presentations or in-depth analysis.

Raw Data Access

- **Complete Transparency:** View and export unfiltered measurements for validation and compliance.
- **Detailed Analysis:** Investigate historical trends and correlate events with accuracy.
- **User-Defined Windows:** Select the exact timeframe that matters to you.

Automated Reporting

- **Scheduled Delivery:** Receive regular reports for selected devices right in your inbox.
- **Compliance Made Simple:** Document essential metrics for audits and regulatory requirements.



Map

LarianTech's **advanced Map feature** streamlines operations by saving time and removing uncertainty. It allows users to **quickly identify the status of every device within their facility** from a single, centralized interface. This information is available at any time and from any location. Real-time visual representation not only **speeds up decision-making processes** but also facilitates easier troubleshooting, enabling prompt and effective actions. **Enhance your productivity** with LarianTech's cutting-edge cloud solution.

Gateway

The Gateway Device developed by Larian Tech serves as the primary hub for all data collected from associated node devices. This device facilitates uninterrupted communication, enabling thorough monitoring.



- Receives and processes data from all connected node devices.
- 10" Display: Easy viewing of real-time information
- Automatically switches between LAN, Wi-Fi, and 4G for uninterrupted connectivity.
- Stores data locally and syncs with the cloud when the internet is available.
- Notifies users of required maintenance to keep devices running smoothly.
- Easily create support tickets directly from the device interface.

Node

The node device continuously monitors environmental data within the incubator and transmits this information to the gateway device. It is equipped with advanced wireless communication technology, enabling reliable data transmission distances of up to 200 meters.



- Temperature Sensor: Monitors temperature with precision.
- Humidity Sensor: Tracks humidity levels effectively.
- CO2 Sensor: Measures CO2 concentration accurately.
- Custom Solutions: Devices are customizable with various sensor options to meet specific laboratory needs.

Node LITE

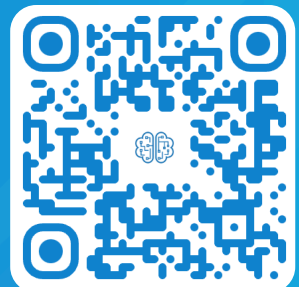
Our compact monitoring device, powered by a rechargeable battery, is engineered for versatility and ease of use. It provides comprehensive features to address diverse laboratory requirements.



- **Battery-Powered:** Long-lasting battery life of at least one year, with a rechargeable battery.
- **Default Sensors:** Includes temperature (-40°C to +60°C), humidity (0% to 100%), and pressure (300-1100 hPa) sensors.
- **Optional Sensors:** Supports additional sensors for light intensity and thermocouples (-200°C to +200°C).
- **Quick-Connect Technology:** Easy sensor connectivity and customization.
- **Custom Solutions:** Tailored to specific laboratory requirements.



We specialize in **precision monitoring and automation** for modern laboratory advancements



SenseTech

Revolutionary Multi-Sensor
Temperature | Humidity | CO₂ | Ambient Pressure
Patent Pending

Introducing LarianTech's next-generation multi- sensor!

It is precisely designed to provide exceptional stability, accuracy, and ease of use for sophisticated laboratory monitoring. This innovative device concurrently assesses temperature, humidity, CO₂ levels, and ambient pressure. Driven by our advanced technology, it establishes new benchmarks within the industry.

Seamless Integration with Node Lite

A standout feature of our multi-sensor is its seamless compatibility with the Node Lite, eliminating the need for an additional power supply.

This allows for easy integration into diverse laboratory configurations, reducing clutter and enhancing efficiency. Its durable construction and thoughtful design guarantee reliable readings, even in the challenging conditions.



SpillTech

Introducing the state-of-the-art Liquid Monitoring Device designed by Larian Tech. It is designed to provide continuous monitoring of your resources using real time spill detection. Now available!

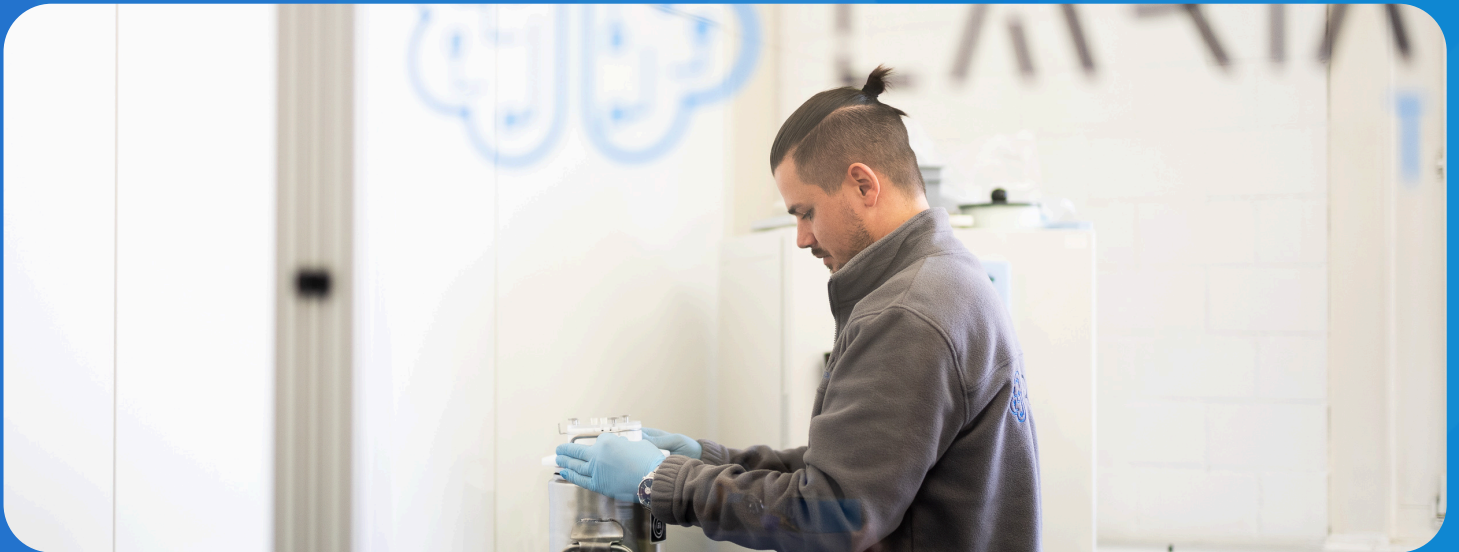


- Real-Time Spill Detection: Provides immediate alerts for any spills, minimizing risks and hazards.
- Durable Design: Built to withstand harsh laboratory environments.
- Wireless Connectivity: Communicates with the central monitoring system up to 200 meters.
- Sustainable Operation: Equipped with a rechargeable battery for continuous, eco-friendly use.
- Acoustic Alarm Notification: Provides additional safety for your facility.



We specialize in **precision monitoring and automation** for modern laboratory advancements





“LarianTech is dedicated to delivering advanced monitoring solutions that empower modern laboratories. From climate control to cold storage and data management, our cutting-edge technology ensures precision, reliability, and efficiency every step of the way. We believe in continuous innovation and exceptional customer support—helping labs of all sizes maintain the highest standards of quality and compliance.”



Adrian Wegiel
Co-Founder



Laurin Oberhauser
Co-Founder

Advanced Cloud Monitoring

Innovative Monitoring
Devices

Secure & Scalable

