Agribun Family

The Agribun series offers cutting-edge soil monitoring solutions designed to enhance agricultural productivity and resource efficiency. With its advanced features and seamless connectivity, Agribun empowers farmers to make data-driven decisions for optimal crop performance.

Agribun Soil Moisture + Soil Temperature: This model tracks soil moisture levels alongside soil temperature, providing valuable insights to help farmers manage irrigation more efficiently. By monitoring temperature, it ensures that soil remains above freezing during planting and frost-free during harvest, extending growing seasons and maximizing crop yield and quality.

Agribun Soil Moisture + Ambient Temperature: This version pairs soil moisture monitoring with ambient temperature data, offering a broader perspective on environmental conditions. It helps farmers adjust irrigation strategies to align with changing weather, ensuring efficient water use and healthy plant growth.

Both models connect to 2.4GHz WiFi, enabling powerful features like real-time alarms for critical conditions such as water stress or temperature thresholds. While alarms are delivered instantly, data recording occurs periodically, providing a detailed log of soil and environmental parameters. This combination of real-time alerts and historical data ensures effective resource management, supports timely interventions, and promotes sustainable farming practices. With Agribun, farmers can maximize productivity while conserving water and improving crop outcomes.

Moisture Sensor

Temperature Sensor

Agribun Soil Moisture + Ambient Temperature

Part Number: AGBINT

Gravimetric soil moisture content &
ambient temperature monitoring
Calibrated with Black Earth soil
Waterproof (IP66) - 30 cm immersion for 10 minutes
Connectivity: 2.4 GHz Wi-Fi

Measurement Range:

Soil Moisture: 0 to 2 gr/gr Soil
Ambient Temperature: -20°C to +70°C (-4°F to +160°F)

Agribun Soil Moisture + Soil Temperature

Part Number: AGBXT3

Gravimetric soil moisture content &
soil temperature monitoring
Calibrated with Black Earth soil
Waterproof (IP66) - 30 cm immersion for 10 minutes
Connectivity: 2.4 GHz Wi-Fi

Measurement Range:

Soil Moisture: 0 to 2 gr/gr Soil
Soil Temperature: -20°C to +70°C (-4°F to +160°F)

Key Features

Calibrated with "Black Earth" Soil
No soil ionization, salinity, acidity, or alkalinity interference
Temperature effect compensation for precise readings
Durable, water-resistant (IP66) design

Wi-Fi connectivity (2.4 GHz)
Ultra-long battery life (up to 2 years with 2x AA replaceable)
Adjustable min/max alarms for moisture and temperature
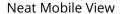Internal memory stores hourly records for up to 1.5 years

LOGGERFLEX

LF Cloud (LoggerFlex Online Application) is a powerful, cloud-based platform that streamlines data collection and monitoring. Its primary functions include continuous, high-resolution monitoring and 24/7 data access from anywhere, enabling remote, multi-user oversight across different time zones. The application generates industry-specific, customizable reports tailored to the unique requirements of sectors such as pharmaceuticals, food safety, and HVAC. LF Cloud also supports multi-parameter monitoring of various environmental and system parameters, with shared access capabilities for collaborative monitoring among multiple users. As a progressive web application, it is accessible on any device with internet connectivity, requiring no installation and providing a consistent experience across platforms. This comprehensive platform empowers users with actionable insights, robust data management, and enhanced decision-making.

Access from Anywhere, on Any Device, for Multiple Users

Neat Mobile View

Geographical Based Display

Professional Reports

Our alarms will reach you, no matter how far you are.

Phone Call Alarm

Text Message Alarm

Email Alarm

LOGGERFLEX

Advance Alarm Function

1 — Momentary Minimum & Maximum value Alarms

As the most basic alarm function, 'LF CLOUD' can immediately push an alarm via email, SMS, or phone call if any measured parameter exceeds the defined maximum or falls below the adjustable minimum threshold. This instant alerting ensures that users are promptly informed.

2 — Adjustable "Persistent Condition" Alarm

To filter out possible momentary fluctuations, users can adjust the persistence duration of the condition before the alarm goes off. Using this feature, the system only triggers the alarm if the out-of-bounds measured parameter remains beyond defined limits for a certain duration.

3 — Adjustable Time-Weighted Average Long-term Alarms

"LF CLOUD" can constantly monitor the parameters to ensure compliance with multiple long-term exposure rules. Rules can be defined by the measured level and duration of exposure, and the system will send an alarm if long-term exposure is detected based on time-weighted average values.

4 — Trend change (Drift) detection alarm

The "LF Cloud" can monitor the trend of changes or drift in the measurements and push notifications if the average measured values show a certain percentage higher or lower than previous records at adjustable intervals.

LF Cloud Key Functionality Highlights

Data Security and Privacy: End-to-end encryption.
Activity Logging: Digital tracing of user actions and alarm events.
Frequent Data Backups: Multiple daily backups ensure data integrity.

Multi-channel notifications: Email, SMS, and phone calls.
Alarming: Threshold, persistent condition, and trend-based alarms.

Cross-Platform Access: Compatible with Windows, iOS, Android.
Global Accessibility: Multi-language and multi-time zone support.
Role-Based Sharing: Access controls for collaborative use.

Graphing & Visualization: Customizable data visualization tools.
Custom Reporting: Industry-specific report generation.
Geographic Data Insights: Location-based data visualization.

Utility Billing: Automated cost allocation and submetering.

API Integration: Real-time data access and alerts through API.

Industry-Specific Report Segments in LF Cloud

HVAC Systems Property Management Agriculture Industrial Monitoring Preservation Pharmaceutical Food Safety

LOGGERFLEX