AGRIMAX

Agrimax Smart Soil Temperature & Moisture Datalogger & Alarm

Part **AGRMAX**

Agrimax is a powerful, all-in-one soil health monitoring solution designed for professional growers, researchers, and smart agriculture applications. It continuously measures and records soil temperature at root depth, relative soil moisture, and ambient temperature, helping you maintain ideal growing conditions and prevent plant stress before it happens.

At a glance

MEASURES
Ambient Temperature, Soil Temperature, Soil moisture content

CONNECTIVITY
WiFi 2.4 GHz · LTE

INGRESS PROTECTION
IP68

BATTERY
4 × AA alkaline batteries

SIZE
500 × 60 × 55 mm (19 11/16 × 2 3/8 × 2 5/32 in)

NET WEIGHT
380 g (13.4 oz)

Built-in sensors

SENSOR	RANGE
Ambient Temperature Built-in · Record & Alarm	-15 °C to +70 °C (+5 °F to +158 °F)

Plug-in sensors

SENSOR	RANGE	ACCURACY	RESOLUTION	CABLE
Soil Temperature Fixed · Included · Record & Alarm	-15 °C to +70 °C (+5 °F to +158 °F)	±0.5 °C (±0.9 °F)	0.1 °C (0.2 °F)	25 cm (10 in)
Soil moisture content (capacitive; no conductivity reading) Fixed · Included · Record & Alarm	0% to 100%	Relative	1%	20 cm (8 in)

RECORDING, LF CLOUD AND POWER

Battery	4 × AA alkaline batteries

ENCLOSURE AND ENVIRONMENT

Dimensions (L × W × H)	500 × 60 × 55 mm (19 11/16 × 2 3/8 × 2 5/32 in)
Net weight	380 g (13.4 oz)
Ingress protection	IP68; resists fertilizers and salts

WIRELESS AND COMPLIANCE

WiFi	IEEE 802.11 b/g/n, 2.4 GHz · Contains FCC ID 2AC7Z-ESPWROOM32
Cellular	LTE with 3G/2G fallback (built-in global eSIM) · Contains FCC ID 2AJYU-8VC0001

MORE FEATURES

Root-Level Accuracy	Measures and records soil temperature precisely at root depth for better crop management and scientific insights.
Capacitive Soil Moisture Sensor	Monitors relative soil moisture with high stability and reliability. Includes a calibration button to define your soil's 0% baseline for accurate trend and alarm reporting.
Ambient Temperature Monitoring	Tracks surrounding air temperature for a complete view of environmental conditions.
Global Connectivity	Connects directly to WiFi or Cellular networks worldwide with automatic rollover. Works anywhere, no gateway needed.
Built-in eSIM with Unlimited Data	Includes a 1-year unlimited global data plan, then a yearly LF Cloud plan for software access and data. No SIM card purchase or setup required.

Request a quote →

Sold and supported through LoggerFlex distributors. An engineer replies within one business day.

sales@loggerflex.com **1-888-365-8880** **www.loggerflex.com/en/product/agrimax-smart-soil-sensor**

Product page, manuals and LF Cloud setup