

EDGE Plus Cellular

Part #: EDCLPL



The EDGE PLUS is designed for precise ambient temperature and humidity monitoring in preservation-sensitive environments such as museums, archives, storage areas, offices, server rooms, and residential or commercial buildings. Featuring a water-resistant external temperature and RH probe with a 1 m (3 ft) cable, it allows accurate measurements directly at the point of concern while keeping the main device safely mounted away from harsh conditions.

With optional door and flood sensors, mold risk notifications, and seamless WiFi or cellular connectivity, EDGE PLUS enables early detection of unfavorable conditions and supports long-term environmental tracking for mold prevention, utility audits, and usage analysis across agricultural, residential, and commercial applications. Tool-free installation, adjustable sampling intervals, and a powerful cloud platform make EDGE PLUS a dependable solution for everyday monitoring where probe-based sensing is preferred, without the need for complex wiring or certification requirements.

Ports Function			Connectivity			Power Supply	
PORT I	PORT II	PORT III	BLE	2.4GHz Wi-Fi	Cellular	Internal	External
Temperature Probe	Temperature & RH Probe	Temperature Probe	✓	✓	✓	4 x AA batteries	5V DC Standard USB-Charger

Built-in Sensors						
Sensor	Configuration	Function	Min Range	Max Range	Accuracy	Resolution
Power Disruption	Built-in	Alarm				

External Sensors								
Sensor	Connection	Configuration	Function	Min Range	Max Range	Accuracy	Resolution	Length
Temperature	Detachable	Optional	Record & Alarm	-20 °C (-4 °F)	+70 °C (158 °F)	±0.1 °C (±0.36 °F)	0.1 °C (0 °F)	1.5 m (5 ft)
RH & Temp Probe	Detachable	Included	Record & Alarm	0% RH - -40 °C (-40 °F)	99% RH - +125 °C (+257 °F)	±1.5% RH (at 25 °C, 10-90%)	1% - 0.1 °C (0.18 °F)	1 m (3 ft)
Temperature Probe	Detachable	Optional	Record & Alarm	-40 °C (-40 °F)	+125 °C (257 °F)	±0.1 °C (±0.36 °F)	0.1 °C (0 °F)	1.5 m (5 ft)

Dimensions						Net Weight	
Length		Width		Height		Grams	Oz
104 mm	4 3/32"	88 mm	3 15/32"	30 mm	1 3/16"	285	10.1

Operation	
Feature	Specification
Device Operation Temperature Range	-20 °C (-4 °F) to +70 °C (158 °F)
Display Update Temperature Range	0 °C (32 °F) to +50 °C (122 °F)
Internal Memory Capacity	49,000 Record of each measured Parameter
Recording Interval	1 to 30 minutes

Operation	
Feature	Specification
Cloud Sync Interval	Real-time Alarms - 10 minutes to 7 days

Network Interface & Certifications		
Interface	Specification	FCC ID
Wi-Fi	IEEE 802.11 b/g/n – 2.4 GHz	2AC7Z-ESPWROOM32
Cellular LTE-M & 2G (all band - Global)		2AJYU-8VC0001

Extra Information

RH sensor pocket is water resistant