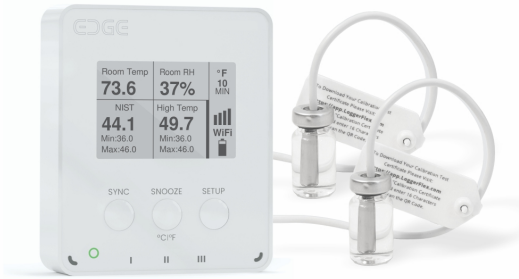


EDGE Pharma WiFi

Part #: EDWIPH



The EDGE Pharma WiFi Datalogger & Alarm is an advanced IoT monitoring solution meticulously engineered to meet stringent compliance requirements within pharmaceutical, vaccine, and cold chain applications. It comes equipped with two (2) NIST-traceable external temperature probes, providing reliable, audit-ready accuracy that adheres to NSF/ANSI 456 standards. This robust device features comprehensive alarm capabilities, including visible and audible alerts, alongside remote notifications via email, SMS, and phone calls. Designed for straightforward deployment, the EDGE Pharma seamlessly connects directly to existing Wi-Fi networks for communication, eliminating the need for an additional gateway.

Featuring a clear E-INK display, the EDGE Pharma device prominently shows NIST certificate validity on-screen and automatically dispatches email reminders well in advance of expiration. This proactive system ensures continuous compliance with minimal manual oversight. With seamless connectivity, powerful cloud features for data logging and reporting, and intelligent alarm handling, EDGE Pharma delivers a comprehensive, worry-free solution for critical temperature monitoring scenarios.

NIST certification is valid for 3 years in use (or 5 years on shelf), and renewal is streamlined by simply replacing the affordable temperature probes, thereby eliminating the need to replace the entire device.

Ports Function			Connectivity			Power Supply	
PORT I	PORT II	PORT III	BLE	2.4GHz Wi-Fi	Cellular	Internal	External
Temperature Probe	Dry Contact / Flood	Temperature Probe	✓	✓	-	4 x AA batteries (up to 2 years battery life)	5V DC Standard USB-Charger

Built-in Sensors						
Sensor	Configuration	Function	Min Range	Max Range	Accuracy	Resolution
Ambient Temperature	Built-in	Record & Alarm	-20 °C (-4 °F)	+70 °C (158 °F)	±0.2 °C (±0 °F)	0.1 °C (0 °F)
Relative Humidity	Built-in	Record & Alarm	0%	99%	±1.8% RH (at 25 °C (77 °F), 10-90%)	1%

External Sensors								
Sensor	Connection	Configuration	Function	Min Range	Max Range	Accuracy	Resolution	Length
Temperature Probe w NIST	Detachable	Included	Record & Alarm	-20 °C (-4 °F)	+50 °C (257 °F)	±0.5 °C (±1 °F)	0.1 °C (0 °F)	1.5m (5 ft)
Digital Input (Dry Contact / Flood Sensor)	Detachable	Optional	Alarm	-	-	-	-	Up to 100 m (330ft)
Temperature Probe w NIST	Detachable	Included	Record & Alarm	-20 °C (-4 °F)	+50 °C (257 °F)	±0.5 °C (±1 °F)	0.1 °C (0 °F)	1.5m (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"	228	8.0

Operation	
Feature	Specification
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
Syncing interval (sending data to the cloud)	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

Extra Information

- Each probe is supplied with a vial filled with alcohol, designed to simulate the thermal mass of a single dose of vaccine for accurate temperature representation.
- All LoggerFlex sensors come with a manufacturer-issued, 1-point calibration test certificate, validated at 2°C. For specific requirements, including multi-point calibration or an accredited laboratory certificate, please contact LoggerFlex Support for further assistance.