BLOCK

BLOCK External Temp

Part **BLXT01**

> **Retired product: no longer sold; the EDGE Thermo replaces it. Units in the field keep working in LF Cloud.**

The LoggerFlex BLOCK family of Wi-Fi Data Loggers represents a pinnacle of engineering, meticulously designed for efficient data logging, instant alarm notification, and exceptional battery longevity. Leveraging existing Wi-Fi infrastructures, these devices offer seamless integration, providing highly adaptable and supremely reliable monitoring solutions across a myriad of applications.

At a glance

MEASURES
Ambient Temperature, Relative Humidity, Temperature Probe, Digital Input

CONNECTIVITY
WiFi 2.4 GHz

INTERNAL MEMORY
64,000 records of each measured parameter

RECORDING INTERVAL
1 minute to 30 minutes

CLOUD SYNC INTERVAL
1 hour to once a week

EXTERNAL POWER
USB-C 5 V DC

Ports and connectivity

Port I
Temperature Probe

Port II
Dry Contact

Port III
Flood Detector

Connectivity
WiFi 2.4 GHz

Built-in sensors

SENSOR	RANGE	ACCURACY	RESOLUTION
Ambient Temperature Built-in · Record & Alarm	-20 °C to +70 °C (-4 °F to +158 °F)	±0.8 °C (±1.4 °F)	0.1 °C (0.2 °F)
Relative Humidity Built-in · Record & Alarm	0% to 99% (non-condensing)	±3%	1%

Plug-in sensors

SENSOR	RANGE	ACCURACY	RESOLUTION	CABLE
Temperature Probe Detachable · Included · Record & Alarm	-55 °C to +125 °C (-67 °F to +257 °F)	±0.5 °C (±0.9 °F) from -10 to +85 °C (+14 to +185 °F); ±2 °C (±3.6 °F) at -55 °C / +125 °C (-67 °F / +257 °F)	0.1 °C (0.2 °F)	1.5 m (4.9 ft)
Digital Input Detachable · Optional · Alarm	–	-	-	Up to 100 m (330 ft)
Flood Detector Detachable · Optional · Alarm	–	-	-	Up to 100 m (330 ft)

RECORDING, LF CLOUD AND POWER

Internal memory	64,000 records of each measured parameter
Recording interval	1 minute to 30 minutes (down to 3 seconds by order, set by LoggerFlex)
Cloud sync interval	1 hour to once a week (down to 1 min. by order)
Battery	4 × AA batteries
External power	USB-C 5 V DC (supply not included)

ENCLOSURE AND ENVIRONMENT

Dimensions (L × W × H)	53 × 43 × 133 mm (2 3/32 × 1 11/16 × 5 1/4 in)
Net weight	196 g (6.9 oz)

WIRELESS AND COMPLIANCE

WiFi	IEEE 802.11 b/g/n, 2.4 GHz · Contains FCC ID 2AC7Z-ESPWROOM32

Good to know

Retired on 2026-10-10. Kept for installed-base support.
Replacement: EDGE Thermo (EDWITR WiFi / EDCLTR cellular).

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/block-external-temp**

Product page, manuals and LF Cloud setup