

BLOCK

BLOCK Barometer & Temp

Part **BLTBAR**

Retired product: no longer sold. Units in the field keep working in LF Cloud.

The BLOCK Barometer & Temp is a robust and versatile WiFi-enabled data logger designed for comprehensive environmental monitoring. This powerful device accurately measures and records atmospheric pressure within a range of 300 to 1100 hPa, alongside precise temperature monitoring. Its dual functionality ensures optimal environmental conditions are maintained across various applications.

BLOCK



At a glance



MEASURES
Atmospheric Pressure,
Temperature, Relative Humidity,
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

Not used

Port II

Dry Contact

Port III

Flood Detector

Connectivity

WiFi 2.4 GHz

Built-in sensors

SENSOR	RANGE	ACCURACY	RESOLUTION
Atmospheric Pressure Built-in · Record & Alarm	300 hPa to 1,100 hPa (4.4 psi to 16.0 psi)	±0.12 hPa (±0.0017 psi)	1 hPa (0.015 psi)
Temperature Built-in · Record & Alarm	-20 °C to +70 °C (-4 °F to +158 °F)	±1.3 °C (±2.3 °F)	0.1 °C (0.2 °F)
Relative Humidity Built-in · Record & Alarm	0% to 99% non-condensing	±3%	1%

— Plug-in sensors

SENSOR	CABLE
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
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MORE FEATURES

Altitude-equivalent measurement range	-500 m (-1,640 ft) to 9,000 m (29,528 ft) relative to sea level
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— Good to know

Retired on 2026-10-10. Kept for installed-base support. There is no replacement yet.

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-barometer--temp



Product page,
manuals and
LF Cloud
setup