

BLOCK

BLOCK Pulse Counter

 Part **BLPULS**

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

The BLOCK Pulse Counter is a versatile monitoring device designed to accurately track cumulative values from any pulse-generating utility meter, such as water, gas, or electricity meters. It seamlessly integrates with LoggerFlex's cloud-based application, offering comprehensive monitoring and management of utility consumption. This device provides instant alerts for excessive usage and identifies anomalies indicating potential leaks, helping to minimize waste and prevent costly damages.

BLOCK


At a glance


MEASURES

Temperature, Relative Humidity, Flood Detector, Pulse Counter


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

Pulse Counter

Port III

Flood Detector

Connectivity

WiFi 2.4 GHz

Built-in sensors

SENSOR	RANGE	ACCURACY	RESOLUTION
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
Flood Detector Detachable · Optional · Alarm	Up to 100 m (330 ft)
Pulse Counter Detachable · Optional · Record & 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

Maximum Pulse Frequency	50 Hz
Pulse Type Compatibility	Passive
Threshold Alerts	Daily, Weekly, Monthly, Yearly, Absolute
Unit	Selectable in the application
Connector Type	3.5 mm (1/8 in) 2-pin audio jack / 2-pole terminal

— 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-pulse-counter

