

APPLICATION

“bun Counter” is a pulse integrator and hourly load profiler. It can receive active and passive pulses from any external source and record the accumulated number of incoming pulses in its internal memory on an hourly basis with timestamp and sync them with the cloud through Wi-Fi automatically. The internal memory of “bun Counter” has enough storage capacity for keeping over 22 months of hourly data.



Being coupled with any type of meter with pulse output, “bun Counter” can give soul to all simple, low cost and even old meters and turn them to internet enabled devices. Connecting directly to Wi-Fi, it eliminates the need for a gateway or radio data concentrator in sub-metering networks.

As a part of bun family products, “bun Counter” benefits from a strong Web Based application which can provide access to reports and graphs for any interval and calculate utility cost for any period of time automatically.

Usages: Water metering, Gas metering, Heat metering, Electricity metering, Sub-billing, Energy cost allocation, Traffic monitoring, People counter, Product counter, Live stock management

GENERAL SPECIFICATIONS

Inputs		One Active/Passive (dry contact) pulse input One tamper detection loop
Max pulse input frequency	Hz	50 (20 pulses/second in room temperature)
Power supply		2 x AA replaceable batteries
Protection class		IP 54
Compliances		IEEE 802.3, EN 61326-1, EN 61010, EN 12830, FCCID: 2AHMR-ESP12F, CE, ROHS
Battery life*		Up to 6 years
Upload intervals		One hour to once a week (or on demand)
Record intervals		1 hour
Interface		Wi-Fi - IEEE 802.3 – 2.4 GHz
Max. capacity of internal storage		16,384 Hours– Automatic cloud sync and replace

AMBIENT CONDITIONS

Operating temperature	°C	-15 to +75
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DIMENSIONS

Diameter (max.)	L	mm	80.0
Height (max.)	H	mm	34.5

LoggerFlex Smart Devices

2-3304 Cambie St.
Vancouver, BC, V5Z 2W5
Canada

info@loggerflex.com
+1 (604) 210 2242



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