

Safactory Lynmouth



Datasheet	
PROZESSOR	
Chipset	ARM-based CC2640R2F by Texas Instruments
Memory	275 kB flash, 28 kB RAM
CONNECTIONS	
Bluetooth / Frequency / Power	Low Energy Technology / 2,4 GHz / -21 dBm / +5 dBm (adjustable in 13 steps)
Integration	via Gateway or AccessPoints, optional via SDK
FUNCTIONS	
Protocol	iBeacon, safactory asset tag position
Dataset	iBeacon (major, minor, UUID), scanned location beacons (IPS/RTLs), battery status
Buzzer	for audio alarm
Acceleration sensor	for smart activation and other functions (IPS/RTLs)
Configurations	standard tag, standard beacon, monitored beacon, individual
CASING	
Material / Color	ABS / anthracite and white
Mounting	Mounting plate for screws, cable ties, magnet and adhesive tape
Protection / Size / Weight	IP 65, UL 94 V-0, flame resistant, CE-admission / 43 × 43 × 19 mm / 20 g
ENVIRONMENTAL	
Temperature / Humidity	-30 °C up to +60 °C / from 0 % up to 100 %
ADMISSION	
CE Admission	https://safactory.com/beacon-ce-admission

BATTERY AND POWER ^{1/2}	Lynmouth (1000 mAh)
Standard-tag-mode: battery runtime (incl. 20 % safety) in months at 250 events per day	18,2 months
Standard-beacon-config: battery runtime (incl. 20% safety) in months at an interval of 500 ms	17,8 months
Monitored-beacon-config: Battery runtime (incl. 20 % safety) in months, without tamper activation, at 500 ms, 6 h heartbeat	17,6 months

¹ Calculated battery life based on typical characteristics of commercially available CR 2477 lithium button cells under conditions according to product specification.

² For maintenance and replacement, use high-quality CR 2477 lithium button cells to ensure the specified performance.