


Casambi Presence & Light Sensor

Model	CASAMBI-PIR01	CASAMBI-PIR01-L
Function	PIR presence sensor and light sensor, with sensitivity adjustment and timed sensing feature.	
Photo		
Electrical Specification		
Working Voltage	DC3V, CR2032 cell battery	DC3V, Built-in CR2450 and auxiliary CR2032 battery
Wireless Connection	Casambi protocol	
RF Band	2.4GHz ISM band	
Wireless Transmit Power	<8dBm	
PIR Sensitivity	2-8 meters, with 120° range, adjustable from app	
Illuminance detecting range	0-4000lux	
Wireless Distance	>20 meters at open area	
Standby Power Consumption	<2uA @ transport mode, <10uA @ presence monitoring	
Typical battery life time	>1.5 years (timed light detection off)	>5 years for built-in battery, >1.5 years for auxiliary battery after built-in battery out. (timed light detection off)
Working Temperature	-20~30°C	
Functions		
Operation Mode	PIR sensing, under-hood press key	
Human Detection Sensitivity	3 levels, adjustable from app	
Illuminance Detection Interval	5-3600 seconds, adjustable from app	
Illuminance Detection Activation	Timed or only work when presense detected. Adjustable from app	
Transport Mode	Hold-pressing pairing key to activate	
Dimension & Weight		
Dimension	60x60x20mm	
Net Weight	17g	19g