

SMARTsens Beacon Water

wireless solution for
Water detection

The beacon is a solution with ultra-low power chipset and BLE 5.0 technology. It has a built-in water detection sensor on the backside.

When water immersion is detected, it will send an alert to the system. It supports manual adjustment of the water immersion detection height to prevent false alerts caused by a small amount of water such as mopping the floor.

The water sensor can be used in places like hotels, nursing homes, industrial manufacturing places, etc.



Key Features

- High-precision water sensor
- Support trigger alert function
- 2 years lifetime and battery replaceable



SPECIFICATION



Sensor	Water immersion detection	
	Acceleration	
Chipset	nRF52 series	
BLE5.0	BLE5.0, supportable (high throughput, advertising Ext, improved coexistence)	
Radio	2.4GHz	
Transmit Range	BLE4.0/5.0 *100 meters in the open space.	
Factory Default	iBeacon	UUID: 0x7777772E-6B6B-6D63-6E2E-636F6D000001
		MajorID: 0x0001
		MinorID: 0x0001
	Tx Power	0dBm
	Broadcast interval	1000ms
	Eddystone UID	Namespace ID: 6B6B6D636E2E636FD01
		InstanceID ID: 0x00000000000001
	Eddystone TLM	Battery voltage
		Advertisements count/Time since power-up
General	Working temperature	-40°C~+70°C
	Storage temperature	10°C~+25°C, ≤65%RH
	Color	white
	Weight	20g
	Battery	CR2032 (replaceable)
	Battery life	24 Months (Base on Broadcast Interval 1s and TX power 0dBm)
	Waterproof level	IP63
	Mechanical dimensions	50mm diameter
	Conformance	FCC and CE
	Warranty	2 Years

IDENTIFICATION



Identificationcode	The QR code is on top of the device and consists of:	
	MAC address of the beacon	
	Serial No.	
	Example: MAC:BC5729032ABD, SERIAL:379702;	



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