



## Technical Specifications

	Vanilla Beacon
<b>Version</b>	<b>V2.3</b>
Beacon Type	Eddystone
Bluetooth Version	5.3
Antenna	On PCB
Frequency	2.4 GHz
Operating voltage	1.1V to 3.6V
Operating Temperature	-20°C to 125°C
Sleep mode current	650 nA
TX / RX	Supports Transmission only
Advertisement Payload Size	31 bytes (Can be extended, but impacts power)
Transmission Distance	~40 meter line of sight
<b>Sensor</b>	
Available Sensor	None
Temperature Sensor Range	NA
Temperature Sensor Accuracy	NA
Humidity Sensor Range	NA
Humidity Sensor Accuracy	NA
<b>Storage</b>	
Sensor Reading Storage	NA
<b>Configuration</b>	
Configuration Medium	One time physical configuration
Transmission Power Configurable	One time physical configuration
Beaconing Frequency Configurable	One time physical configuration
Read Configuration Configurable	NA
<b>Special Power Saver Configuration</b>	
Active Profile Time Range Configuration e.g between 10:00 AM to 10:00 PM	NA
Dormant Profile Time Range Configuration e.g. between 10:00 PM to 10:00 AM	NA
<b>Current Consumption</b>	
Sleep Current	650nA
Sensor Reading Current	NA
Beaconing Current at 0dBm	9.1mA
<b>Battery</b>	
Supported batteries	CR2477 or 2450 or CR2032 non-rechargeable coin cell

Battery Life	For CR2477 ~5 Years For CR 2450 ~3 Years For CR 2032 ~ 1.5 Year * Battery calculations depend on Beacon Frequency, Transmission Power, Peripheral and numbers are indicative only
Power Profiler report available	Available
<b>Enclosure</b>	
Plastic Cover	ABS Plastic
IP Rating	IP 65
Dimension	45.5 mm x 36.5 mm x 16.7mm
<b>API / Protocol availability</b>	
Reading data from Advertisement	Available
Reading stored tempertaure and humidity data	NA
Set Timestamp	NA
Set Transmission Power	NA
Password Protected Settings	NA
<b>Certifications</b>	
TEC Certification	NA
AIS 140 Device	NA
AIS 140 Wire Harness	NA
BIS	Undergoing
RoHS	Undergoing
WPC	Can be done
UL	Can be done
CE	Undergoing
<b>Manufacturer details</b>	
Manufacturer registered with Bluetooth SIG	Yes
Manufacturer ID assigned by Bluetooth SIG	0x0EA5
Designed by	EasyReach Solutions Pvt Ltd
Manufactured by	EasyReach Solutions Pvt Ltd
Embedded Code by	EasyReach Solutions Pvt Ltd
Manufactuer Warranty	1 Year