

# Senor E

Senor, Flis all bi-directional communication, device that can be positioned at various locations throughout the BLF Mesh network to extend the coverage. This USB powered wireless BLF5.2 based device also supports beacons and comes with different antenna options for better communication.



www.wisilica.com

# WISILICA

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## 1. Features

- Increases the WIST ica BLE Mesh network range.
- Act as a Mesh device to relay messages between far devices.
- Support iBeacon, Eccystone beacon, Eddystone beacon, URL, Alt beacon, and Custom beacon.
- Antenna options for better wireless communication
- Unit powered by a USB type A adapter.
- Zero downtime Over-the-Air (OTA) firmware updates.

# 2. Specifications

( Insetrical	Min	lyp.	Max.	Unit	Boneae 🕫
Imput voluoge				V	JSE yoo w
Input durien	10	1.7	35	10 <b>4</b>	

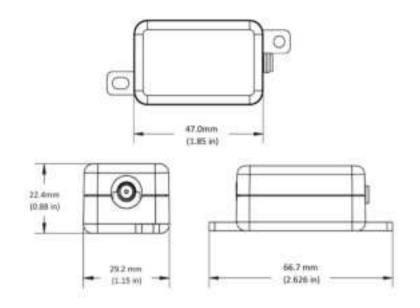
Bluetooth	Min.	lyp.	Max.	Unit	Romar #5
Frochency 5 mgs	n400		490	мц	
TX Output Power			2.31	dDra	Conductive
5X considivity		é.		dDra	k‡ ≌oos

Environmental	Min.	lyp.	Miss.	Unit	Roma-w.
O for using Temporatures	0		50	×C.	
Reptive Londing	<b>1</b> 0		85	<i>1</i> %.	Nen condensition application only

Mechanical	M'n.	Тур.	Mire.	Jrit	formarka
Dimensions		667 19.2 12.4		hini	T k W/x T
Enterelous		0.5 k1 15 k 0.9		'n	T k W x T
Mounting		Well/Surfaces in			



# 3. Device Dimensions



# Antenna Stick antenna



Stick	intenno
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Antenna Properties					
Frequency range 2.4GLz-2.5GLz					
Impocarbo	500				
VSW >	< 1.6				
Refurm loss	ND:: 3				
Com (Peek)	ted to				
Power minding	ow.				
Polinization	Vortical				
Rediction extern	Omnitaireational				



#### 600mm wire antenna



Wire antenna

Antenna Properties				
Frequency range 2.4 CHz2.5CHz				
Impocanco	50 O Nomina			
VSWD	.Wit Max			
Return loca	- 0 ::13 Mbx			
Coln(ozak)	2d 1			
Cable loss	0.4d10i M5x			
Poinrization	Linear vertical			

#### 130mm wire antenna



Wire antenna

Antenna Properties				
Frequency range 2.4 CHz-2.5GHz				
Impocanos	50 O Nomina			
V6W2	.920 Max			
Return loss	- OloB Max			
Colin(posk)	2d (			
Ceb e loss	0.3d0i M w			
Pointization	Linear vertical			



2. Device as a BLE beacon transmitter.



## 6. Installation

- Eino the position to place the repeater between the WiSi ica Bluetooth devices.
- 2. Put the hole on the wall or surface where this repeater needs to be installed.
- 3. Screw the repeater on the wall/surface via the mounting flanges on the device
- 4. Connect the USB port to the "power adapter.
- 5. Plug in the adapter and power-on the repeater device.

"See disappointe accessory high gwith the product

# 7. Certifications



## 8. Warning

- To prevent the device from any defect, please handle and store it with care.
- 2. Do not store in very hum o location or at extreme temperature.
- 3. Do not open or disassemble the product.
- 4. Do not expose this apparatus to rain or molisture. The apparatus shall not be exposed to or pping or splashing and that objects filled with liquids such as vases shall not be placed on apparatus.

# 9. Ordering Information

Product Code	Product Name	Product Description	Antenna	Communication	Voltage Rating
WEUNE	Senci F	Basaar alte Kanab Ektender	esterna ortenno	3Lax2	SV. USB TVODA
WEUNC	Senci F	Beacon a rel Kanolo El Condon	Cripartenna	3Lax2	SV. USB tvoz a



#### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

•Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**RF Exposure Information** 

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



#### CONNECTING THINGS TO LIFE

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