



BLE Mesh Repeater

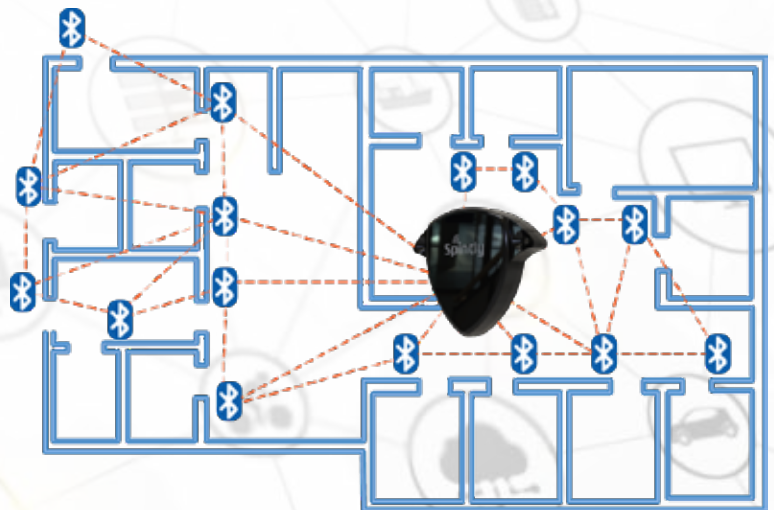
Model No : SRP-01X



Spintly's BLE Mesh Repeater provides a scalable approach to increase the range of your BLE mesh-enabled IoT network. The BLE Repeater is an enterprise-level Beacon with ARM Cortex-M4 processor.

FEATURES

- Easy installation
- Omni-directional antenna
- Wireless BLE mesh compatible device
- Up to 300m BLE Mesh communication range
- Over-the-air firmware upgrades
- Cost-effective solution
- Wall and Ceiling Mountable
- In-built temperature sensor





BLE Mesh Repeater

Specifications

Voltage Rating: 5V DC input

Current Draw -Peak: 150mA | **Current Draw Average:** 50mA

Power consumption: 0.75mW max at 5V

Operating temp: -10 to +60 degree

BLE Version: 4.2

BLE Communication Range: 300mtrs LOS



General Information

Model	SRP-011	SRP-012
Temperature Sensor	N/A	Yes
Accelerometer	N/A	Yes
Colour	Black	Black
Mounting	Wall/Ceiling Mount	Wall/Ceiling Mount
Product Weight	25g	25g
Dimensions	58mm x 69mm x 12mm	58mm x 69mm x 12mm
Housing Material	ABS	ABS
Operating Temp	-10 to +60° C	-10 to +60° C
	Contains FCC	Contains FCC
	Certified BLE module, RoHS	Certified BLE module, RoHS

Software Features

- Asset Tracking
- Indoor Navigation
- Indoor Positioning

System Compatibility

- NTAG13 NFC card, 13.56MHz
- BLE 4.2

Security

- AES 128-bit bit encryption on Bluetooth mesh communication
- TLS 1.2 for communication between Spintly cloud and gateway

Applications

- BLE Mesh range extender
- Indoor navigation
- Asset tracking
- BLE Mesh Friend node
- Smart home applications