

Beacon 32

Ceiling and wall mount BT sensor



User manual

MOUNTING THE SENSOR

- 1) Choose the position according to plan the location of the sensors.
- 2) Stretch the wires from the power supply into the hole for the wires.
- 3) Mount the sensor base on the surface with screws.
- 4) Connect the sensor wires to the wires from the power supply: Red - "+" Black - "-".
- 5) Mount the sensor on the base.

WIRE SIZE REQUIREMENTS

Use #26 AWG or wires with a larger diameter. Use the following table to determine required wire gauge (diameter) and length of wire between the sensor and power supply.

Wire Length	<35m	<60m	<100m	<150m
Wire Gauge	26AWG	24AWG	22AWG	20AWG

WIRE CONNECTIONS

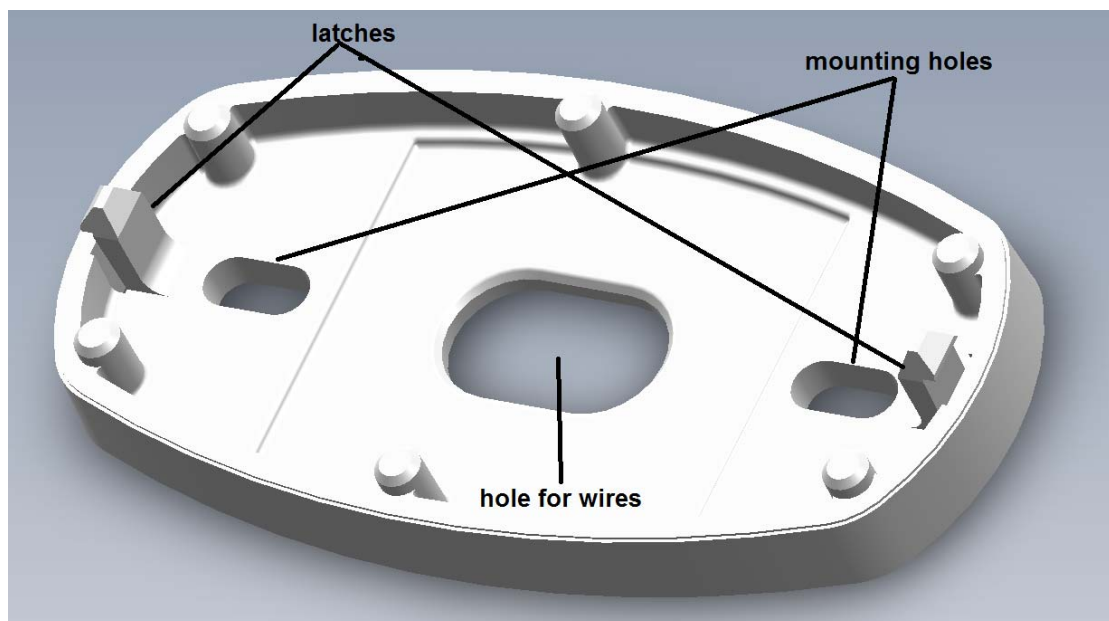
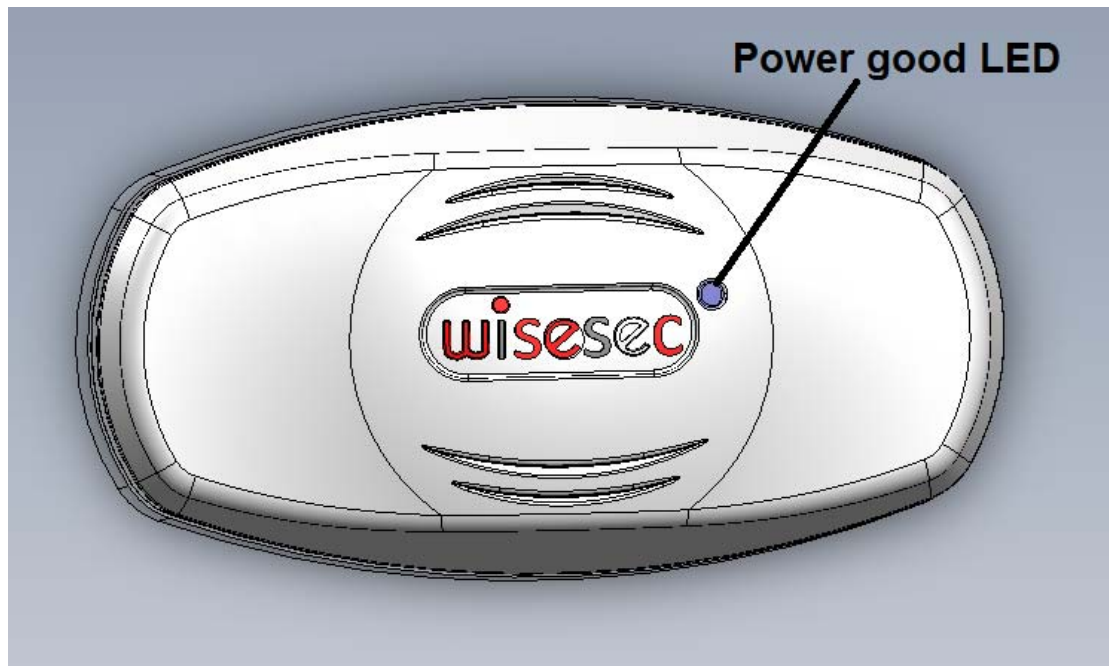
Run the cable through the cable entry hole and connect the wires in accordance with the following instructions:

Red wire – (+5VDC) - Connect to a positive Voltage output of 5VDC source (power supply)

Black wire – (GND) – Connect to ground output of 5VDC source (power supply)

IMPORTANT:

- 1) Product shall be powered from certified Limited Power Source adapter.
- 2) Do not install the sensor where it may encounter water, steam or oil.
- 3) Do not aim the sensor directly at sources of rapid heating or cooling such as : forced air ducts, heaters.



TECHNICAL SPECIFICATIONS

Power input :	3.4 – 5.5 VDC (PLU)
Current Draw :	100mA
Operating frequency :	2.4GHz
Modulation:	GFSK @ 2.4GHz
EIRP:	+3.72dBm
LED indicator:	Green LED is ON – Power good.
Operating Temperature :	-10°C to +55°C (14°F to 131°F)
Dimensions:	70mm X 37mm X 22mm
Weight :	40gr

STANDARDS COMPLIANCE

EN 300 440-2 V1.4.1: 2010

EN 300 440-1 V1.6.1: 2010

EN 301 489-3 V1.4.1: 2002

EN 301 489-1 V1.9.2: 2011

FCC 47 CFR Part 15 subpart C, section 15.249 and RSS-210 issue 8 Annex 2

EN 60950-1:06

Manufacturer: WiseSec Ltd.

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.**

This device complies with FCC Rules Part 15 and with Industry Canada licence-exempt RSS standard(s). Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received or that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: The digital circuit of this device 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.

Cet équipement a été testé et jugé conforme aux limites s'appliquant à un appareil numérique de classe B, conformément à la Partie 15 des réglementations de la FCC. Ces limites ont été élaborées pour offrir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle.

Cet équipement génère, utilise et peut émettre de l'énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions du fabricant, peut provoquer des interférences dangereuses pour les communications radio. Toutefois, rien ne garantit l'absence d'interférences dans une installation particulière. **Si cet** équipement provoque des interférences nuisibles au niveau de la réception radio ou télévision, ce qui peut être déterminé par la mise hors, puis sous tension de l'équipement, vous êtes invité à essayer de corriger les interférences en prenant les mesures suivantes:

- Réorientez ou déplacez l'antenne réceptrice.
- Augmentez la distance qui sépare l'équipement et le récepteur.
- Branchez l'équipement à une prise d'un circuit différent de celui auquel est branché le récepteur.
- Consultez le revendeur ou un technicien radio/télévision expérimenté pour obtenir de l'aide.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (WiseSec Ltd.) could void the user's authority to operate the equipment.