Beacon

GSM

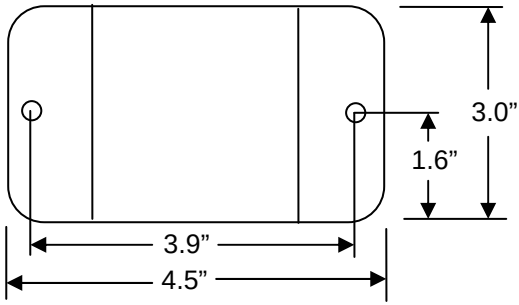
Remote monitoring and
alarm notification system

Antx, inc. P.O. Box 200816 Austin, TX 78720
877-686-2689 512-255-8306 (fax)
www.antx.com

Installation and Wiring

Mounting

Mount the Beacon using the 2 mounting holes on the sides of the unit.



GSM power

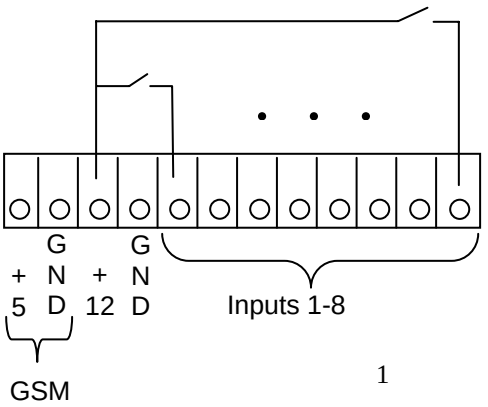
Connect the GSM power plug to the left-most screw positions. The left most is for 5VDC (+) the 2nd left-most is for GND (-)

Power Wiring

Connect the 12VDC power supply to the 3rd and 4th left-most positions.

Input Wiring

The Beacon detects a dry-contact or wet-contact up to 12VDC. If you are using a dry-contact, connect the 12VDC power to one side of the dry contact and the other side of the dry contact to the specific input desired.



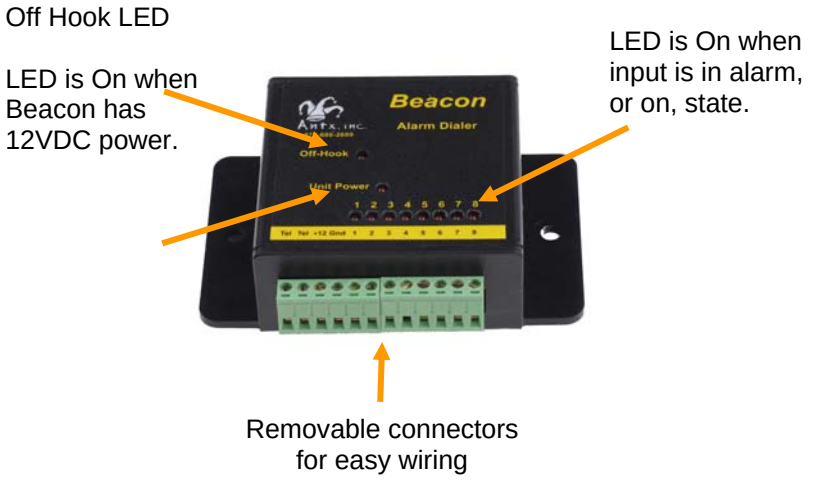
Operation

The Beacon monitors all 8 inputs continuously. When any input makes a transition from open to closed and when all inputs return to the open condition, the Beacon calls the Antx Tracking toll-free number and delivers the current state of all inputs. The Antx Tracking system delivers any notification messages the user has specified.

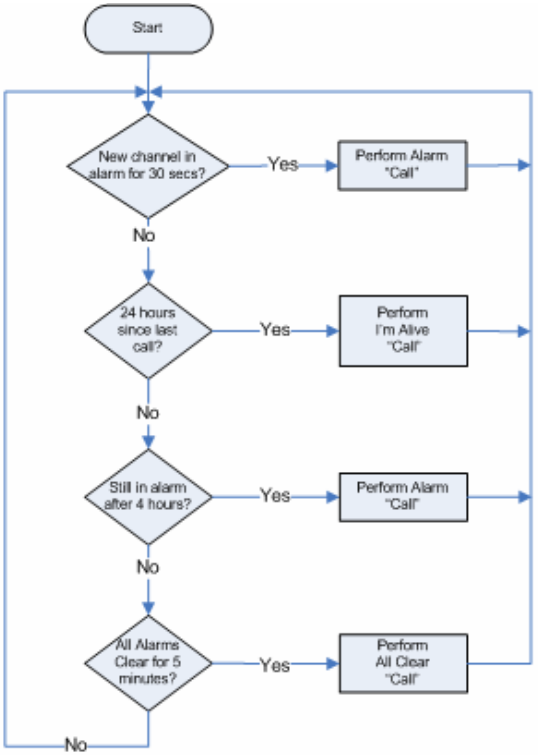
Off-Hook LED
When the unit is powered up, the LED is on until the Beacon has established communication with the GSM module.
This LED will stay on if:

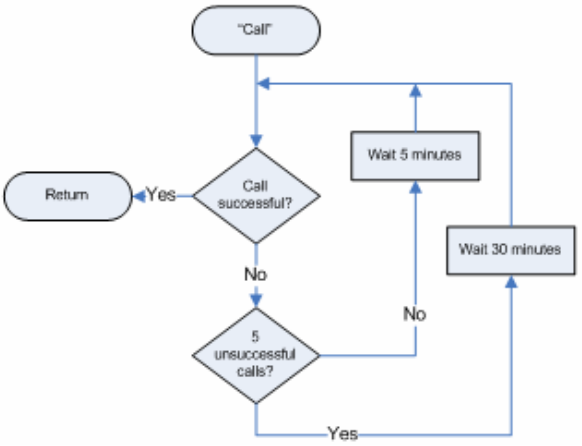
- No SIM card in GSM
- SIM card expired in GSM
- GSM powered up several seconds prior to the Beacon

The LED also goes on whenever the Beacon is transmitting a message to the Antx Tracking System.



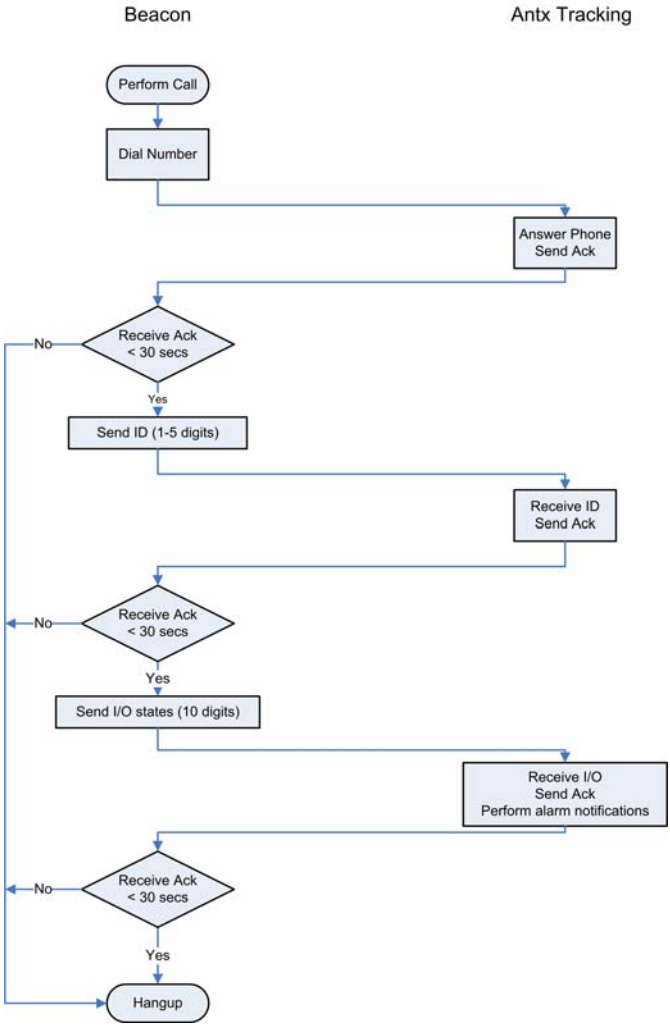
Notification to Antx Tracking call-out flowchart





Antx Tracking Operation

When the web-based Antx Tracking system receives any message from the Beacon it sends an acknowledgement to the Beacon.

The Antx Tracking system then immediately sends out any alarm calls, e-mails or text messages to designated personnel.

For details on the Antx Tracking system refer to the on-line help.