

Connection Guide

Changing battery, fresh system start

- 1. Remove battery leads
- 2. Replace battery and connect leads
- 3. Restart system and acquire GPS¹
 - a. Open base station lid by pulling back up the lower hinge (it helps to push down on lid at the same time)
 - b. Turn the system off for 5 seconds, then on
 - c. Screen will be blank for about 30 seconds, then will display logo and boot status
 - d. System will stay on "Acquiring GPS (Press 'D' to skip)". For this step, the system must be brought out of the steel gate to have sky view.
 - e. Once GPS position has been acquired, the system will arm and the screen will go blank.
 - f. Close the lid
- 4. Using the Gate Controller rocker switch, fully extend and fully retract the bolt
- 5. Test the system with a card or fob

Replace Card Reader

- 1. Unscrew card reader cable from base station 8 pin connector
- 2. Disconnect the call button wire pair by wiggling the white connector apart
- 3. Remove nuts (7/16" wrench)
- 4. Remove and replace the card reader, feeding the cable harness and call button leads through (gently)
- 5. Re-connect the card reader cable to the 8 pin base connector. Right angle should point up.
- 6. Test the system with a card

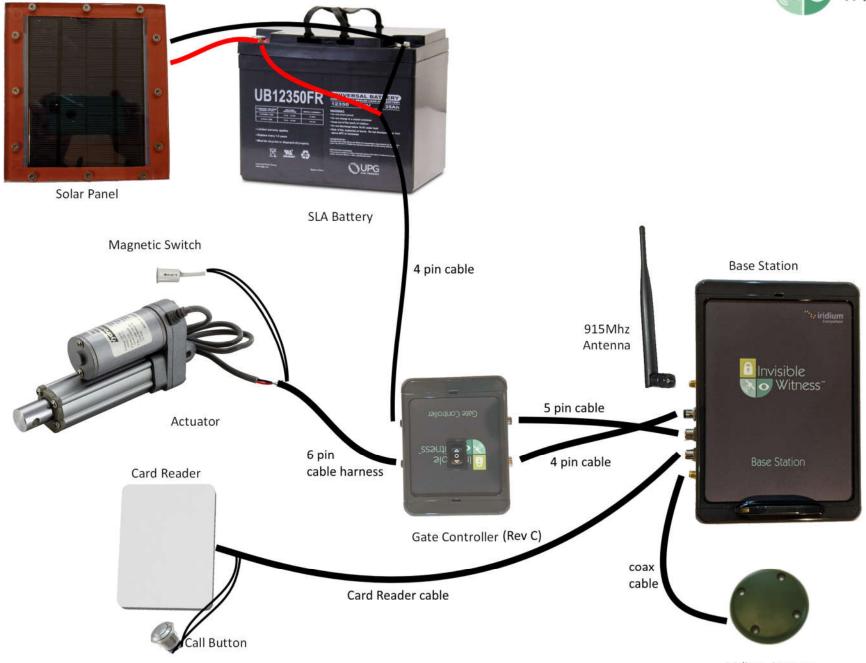
Gate Controller (Revision C)

- 1. Remove all 4 cables
- 2. Replace gate controller
- 3. Reconnect all 4 cables. Right angles should point up.
- 4. Take particular care with the 5 pin connector as it is possible to force the connector in bad alignment
- Using the Gate Controller rocker switch, fully extend and fully retract the bolt
- 6. Test the system with a card or fob

¹ This step may be unnecessary if the base station also has internal batteries.

Invisible Witness Smart Gate Wiring Diagram





Iridium Antenna