



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
5. 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

