

Preliminary Manual

The following is the layout instructions for your IP-Link 1000.

This module should be installed in the same PCB as your system. The following is the layout rules/design rules:

1. The layout should include a ground plane under the module. The size of the ground plane is 4 by 6 inches.
2. The Digital Input/ Output pins should be filtered.
3. Supply pin should have filter cut off in the hundred of hertz. Pin 14 is the supply pin.
4. FFC certification on the IP-Link 1000 was done using the following antenna: Nearson C321AT-925. In order to make Certification easier use the recommended antenna.
5. IP-Link 1000 has been certified to TCB, however your responsible for the your PCB certification.

The following is the operational instruction for your IP-Link 1000.

- 1) Install the IP-Link 1000 on your board.
- 2) Using your installation CD, install the Helicomm IP-Software into you computer.
- 3) Apply power to your module.
- 4) Down load the firmware into the IP-Link 1000 module.

"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."