



## **Contractor Network Installation Recommendations**

We recommend running 2 cat5e cables and 1 coax cable from every network jack to a central location in the house. This will allow any communications company to run multiple services to each network jack (ex. Telephone, Internet, Television and Home Automation). Also, the preferred central location would be in the utility room.

**\*\* 1 cat5e cable and 1 coax cable to each network jack would be the minimum requirement if the budget prefers. \*\***

We recommend running 1 cat5e cable and 1 coax cable to each location that the home owner would like to place a security camera. A power outlet is not necessary. This is because most cameras are run on DC power or POE power. The termination points of these cables should be installed in a ceiling mount electrical box with a blank cover. The communications company will reenter the box at the time of installation.

We recommend placing a network jack at every location that a telephone, television or internet connection could possibly be placed. We feel it is always better to have too many network jacks in the house than too few.

We recommend running 1 cat5e cable and 1 coax cable from the central location in the house to the outside of the house near the electric meter. This is most likely where the communications company will install their Network Interface Device (NID). To insure the proper position, contract your service provider before installing these wires.

### **\*\* Not recommended procedures \*\***

We recommend never to run any cat5e cables or coax cables parallel within 18 inches with any electrical wires. This could cause interference and render the cable unusable.

We recommend never to run cat5e cable from one network jack to another network jack. This will render the wire unusable for services such as internet, television or home automation. Always run from the network jack to a central location in the house.

For any question, please visit [www.brucetel.net](http://www.brucetel.net) for contact information.

**\*\*\*Disclaimer\*\*\*** The above information is a recommendation for installation. ALWAYS follow electrical code requirements specific to your area to ensure that you comply with all policies, warranties, regulations and authorities concerning this work.