

## **Rules for no nonsense installation of video over cat5e**

### **Do's**

Use the blue pair for video ONLY! They are twisted a different frequency for video.

Use both green pairs for one leg of power

Use both orange pairs for the other leg of power

Use the brown pairs for data transmission for a PTZ

Always power DVR and Cameras at the same outlet

### **Don'ts**

NEVER use just one pair for power. Always double them up!

NEVER transmit multiple lines of video over one run of Cat5e

Never use 12vDC for runs any longer than 400ft or for a camera that has more than 30 IR illuminators. Use 24v AC and go 1500ft if you wish.

Never run cat5e near high voltage

Never get any closer than 3 feet to any florescent lighting

Never use patch panels or splice the cat5e for any reason.

Never bolt any camera to a metal building or metal substructure of building.

***There are exceptions to every rule. However, if you break one of the above rules and have an issue we will not provide any support to fix it.***

