

Proper installation of a CCTV Camera

- 1.** Always verify power supply matches the camera ie: 12vDC or 24vAC
- 2.** Never wire camera with power supply live
- 3.** Never cut any wires on the camera, pigtails are provided for power and video
- 4.** Never bolt any camera to a metal building or a metal substructure of a building
- 5.** To avoid ground loop nightmares always power cameras at the DVR
- 6.** Never install cameras looking above the horizon. Sun damage can occur.
- 7.** If camera will not come up on DVR remove camera from location and test right at the DVR with known good power supply and known good Siamese patch cable.
- 8.** Never install a non weather rated camera in the direct rain
- 9.** If you are mounting and terminating a camera outside always house terminations inside of a weather resistant enclosure.
- 10.** Always, always, always completely seal the building where Siamese penetrates the wall to the outside. If you do not in the winter warm air will follow the Siamese, condense in the camera and freeze causing the camera to become a block of ice.

After years of visiting installation sites day in and day out I have found that 99% of all problems occur due to Siamese or cat5e wire splicing, cameras being powered remotely, cameras being mounted on metal buildings, or improper wire termination.