

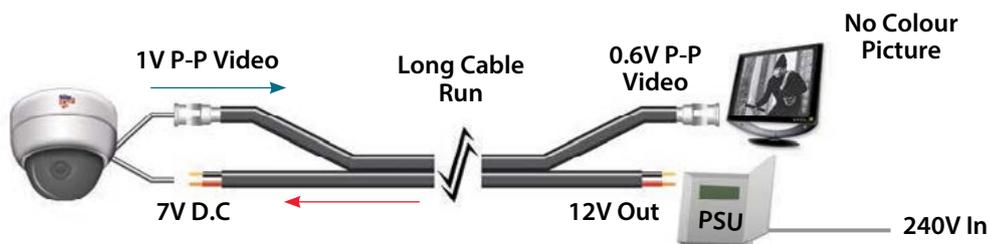
Question: How can I solve problems with long cable runs in my 12V camera CCTV system?

Answer: Two main problems can occur on long cable runs. The voltage drop in power cores and video loss causing a weak video signal to the DVR.

Problem 1 - Voltage drop in the power cores of cable supplying power to the camera.

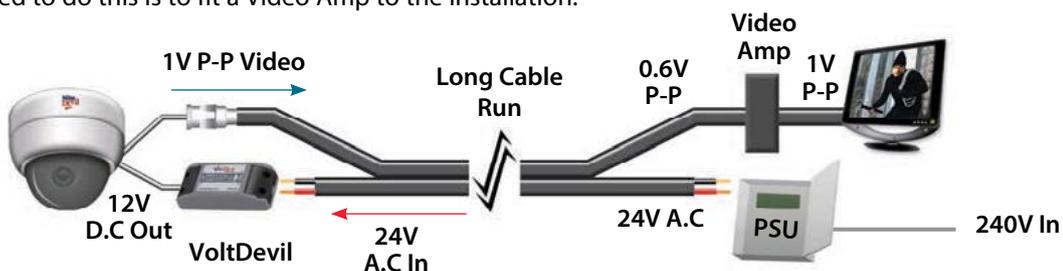
Solution A - One option is to power the camera(s) locally, this can be often the best way to overcome volt drop.

Solution B - If this isn't physically possible, swapping the 12V DC power supply to a 24V AC one will half the volt drop. Now by using a VOLTDEVIL 24V AC – 12V DC converter you have halved the problematic voltage drop and will have a perfect 12V DC output so your cameras can perform at their optimum.



Problem 2 - Video loss causing a weak video signal at the DVR.

Solution – If the video level is as low as ~0.7V p-p, it may need boosting up. All you need to do this is to fit a Video Amp to the installation.



VoltDevil
24V AC - 12V DC Converter
Product Code: POW061

This CCTV installation tip is aimed at helping you to install CCTV equipment. If you are looking for answers on "how to fit CCTV" or perhaps "how to network a DVR or NVR" or even "how to get CCTV on your mobile phone" why not check out our full range of CCTV installation tips at: www.systemq.com

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