



Bench Testing Guide

When your system first arrives the first step before installation is to do a “bench test”. Bench testing is a procedure in which you test the equipment prior to being installed in their final location. This saves both time and headache as you can confirm cameras are functional prior to installation. Bench testing isolates the issue between cable, NVR, or camera.

Bench testing may also be used for cameras that experienced connectivity issues or go down in order to isolate the issue.

Bench Testing Procedures

In order to bench test you'll want to have the recorder plugged into power, a monitor connected to view video, and a short pre made ethernet cable. This guide is specific to IP cameras but the same logic applies to coax cameras.

Step 1: Grab a short, pre made, known working, ethernet cable.

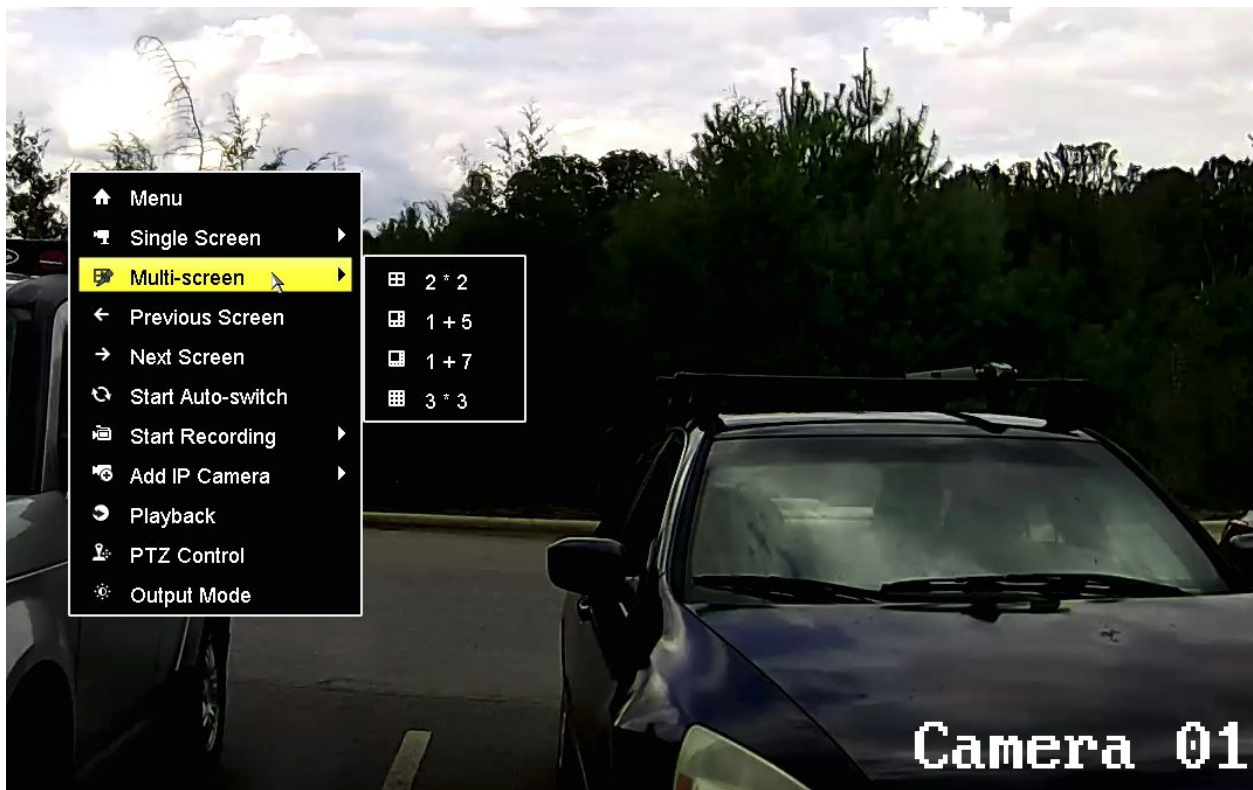


Step 2: Plug the pre-made ethernet cable into recorder and then into the camera.



Step 3: If your IP camera is equipped with infrared you may notice the faint red glow when connected, this means the unit is receiving power. It may help to cup your hands around the camera to see the IR. Some cameras also have LED lights on the circuit board that display activity.

Step 4: An IP camera generally takes about 1 to 2 minutes to fully boot. A TVI camera may take a few moments. Ensure you are looking at the full grid of the display by right clicking and going to multi screen and clicking the largest option.



Step 5: The IP camera should appear on the grid of the corresponding port. For example, the 1st grid spot should will correspond with port 1 on the NVR)

Step 6: If the IP camera appears on the NVR monitor, you know the camera is working correctly and is ready to be installed.

Step 7: Move onto the next camera - this time try port 2 of the recorder. This will also test the ports of the recorder as well.



Step 8: If you have more NVR ports than you do cameras - test with another camera to ensure all the ports are working correctly as well.

Once these steps are completed you know you have a completely working system. This will help isolate issues during installation and also prevent you from having to mount, and then take down the camera. If there is an issue with the camera after mounting, you'll know it's almost certainly an issue of cabling.

If you experience issues during any of these steps, please contact SCW's support team for further troubleshooting.