

OTR 1001 Help Note: Resetting the Screen Resolution

1.1 Background

The OTR 1001 is usually able to set the correct screen resolution for the monitor that is being used. However with some VGA monitors, it may not be able to set the optimum display resolution automatically and instead it tries to use the screen resolution that was last set. In some cases, this may result in no display at all.

A program is available ([zResolutionAdjust.exe](#)) that allows you both to recover from a completely blank screen and to select a different screen resolution. It first sets the display to a screen resolution of 1280 x 1024 (which all recent monitors support), then calls up the Intel Graphics and Media Control Panel to allow you to select the screen resolution you require.



Intel Graphics and Media Control Panel

The [zResolutionAdjust](#) program is available to download from the OmniTek website.

1.1 Procedure

The following steps enable you to set the Screen resolution you require.

1. Use the above link to download [zResolutionAdjust.exe](#) from the OmniTek website.
2. Select a USB stick that does not have any .exe files in the root directory (or move these files to a folder).
3. Copy [zResolutionAdjust.exe](#) to the root of this USB stick.
4. Turn on the OTR 1001 and insert the USB stick.
5. Check that you have a mouse and keyboard plugged into the OTR

The next steps to take depend on whether the current screen resolution is simply giving a poor result or if there is currently no display, and if so, whether you are using an OTR 1001c with a control panel or an OTR 1001m with just mouse and keyboard control.

If the screen resolution is simply poor:

6. Wait for the **Available Commands** dialog to appear, then take the Monitor Resolution Adjust option, either by pressing the White button (OTR 1001c) or by pressing Enter on the keyboard.
7. Use the **Resolution** setting in the Intel Graphics and Media Control Panel that is displayed to select the desired screen resolution.
8. Shut down, then restart the OTR.

If you have an OTR 1001c (with control panel) and there is no display:

6. Wait for the initial button check to complete (and either the View, Gen or Config button to stay lit), then press the White button.
7. Use the **Resolution** setting in the Intel Graphics and Media Control Panel that is displayed to select the desired screen resolution.
8. Shut down, then restart the OTR.

If you have an OTR 1001m (with mouse and keyboard) and there is no display:

6. Wait for 2 minutes then start pressing the Enter key on the keyboard every 15 -30 seconds until a screen display appears.
7. Wait about 15 seconds longer, then use the **Resolution** setting in the Intel Graphics and Media Control Panel that is displayed to select the desired screen resolution.
8. Shut down, then restart the OTR.