Adjusting the screen resolution

Due to the nature of liquid crystal display (LCD) technology, the picture resolution is always fixed. For the best display performance, please set the display to its maximum resolution that is the same with the monitor aspect ratio. This is called “Native Resolution” or maximal resolution – that is, the clearest picture. Lower resolutions are displayed on a full screen through an interpolation circuit. Image blurring across pixel boundaries can occur with the interpolated resolution depending upon the image type and its initial resolution.

1. Open Display Properties and select the Settings tab.
   You can open Display Properties by right-clicking on the Windows desktop and selecting Properties from the pop-up menu.

2. Use the slider in the ‘Screen area’ section to adjust the screen resolution.
   Select the recommended resolution (maximum resolution) then click Apply.

If you select some other resolution, be aware that this other resolution is interpolated and may not accurately display the screen image as well as it could do at the native resolution setting.

3. Click OK then Yes.


If your input source does not provide an image which is the same with the monitor aspect ratio, the displayed image may appear stretched or distorted. To maintain the original aspect ratio, image scaling options can be found in the “Display Mode” adjustment. See the user manual for more information.
Adjusting the screen refresh rate

You don’t have to choose the highest possible refresh rate on an LCD display, because it is not technically possible for an LCD display to flicker. The best results are obtained by using the factory modes already set in your computer. Check next chapter to see the factory modes: Preset display modes on page 3.

1. Double click the Display icon in Control Panel.
2. From the Display Properties window, select the Settings tab and click the Advanced button.
3. Select the Adapter tab, and select an appropriate refresh rate to match one of the applicable factory modes as listed in the specification table.
4. Click Change, OK, then Yes.
5. Close the Display Properties window.

Depending on the operating system on your PC, different procedures should be followed to adjust the screen resolution. Refer to the help document of your operating system for details.
## Preset display modes

**PD3200U**

### Timing support

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Frame frequency (Hz)</th>
<th>DisplayPort (V1.2)</th>
<th>HDMI (V2.0)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PC timing</td>
<td>Video timing</td>
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</tr>
</tbody>
</table>

- To obtain the best image quality, refer to the above table to set the timing and the resolution of the input source.
- To make sure the above timing works, check the compatibility and specifications of your graphic card first.
- The timing needs to work with the specified input ports. Available input ports and signals vary by model.

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### 4K UHD (3840x2160) video input

<table>
<thead>
<tr>
<th>Color space</th>
<th>YCbCr 4:2:2</th>
<th>YCbCr 4:4:4 / RGB 4:4:4</th>
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<tr>
<td>Frame frequency</td>
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### Timing support

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</tr>
<tr>
<td>HDMI</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>DisplayPort</td>
<td>v</td>
<td>v</td>
</tr>
</tbody>
</table>

Image disruption may occur as a result of signal frequency differences from graphic cards which do not correspond with the usual standard. This is not, however, an error. You may improve this situation by altering an automatic setting or by manually changing the phase setting and the pixel frequency from the “DISPLAY” menu.

9/6/2016