 Compatibility

10-bit Display Method with Adobe Photoshop CS4 and Graphics Board Compatibility Information

Applicable Monitors: ColorEdge CG303W, CG301W, CG245W, CG243W, CG223W, FlexScan SX2462W, SX2262W

This document explains the method for displaying 10-bit color using Photoshop CS4 and AMD (ATI) graphics boards that support 10-bit display, as well as compatibility information.

1. 10-bit display method with Photoshop CS4

1.1 AMD (ATI) graphics board driver settings

(1) Install a driver that supports 10-bit display (Ver.8.663.3 or later).
http://support.amd.com/us/Pages/AMDSupportHub.aspx

(2) Right-click on the desktop and select [Catalyst Control Center].
(3) Select [Graphics Settings] – [Workstation], and check [Enable 10-bit pixel format support].
1.2 Photoshop CS4 settings

(1) In the [Preference] tab on Photoshop CS4, select [Performance], and check [Enable OpenGL Drawing] and click [Advanced Settings] under [GPU settings].

(2) Then [GL settings] menu opens. Check [Advanced Drawing] and [Use For Image Display].

* With [Color Matching] checked, 10-bit display is not available. Do not check.
2 Compatibility information
We have confirmed that 10-bit display is available with the following combinations of the monitors and graphics boards.

<EIZO Monitors>
ColorEdge CG303W (SingleLink/10bit)
ColorEdge CG301W (SingleLink/10bit)
ColorEdge CG245W (DisplayPort/10bit)
ColorEdge CG243W (DisplayPort/10bit)
ColorEdge CG223W (DisplayPort/10bit)
FlexScan SX2462W (DisplayPort/10bit)
FlexScan SX2262W (DisplayPort/10bit)

<AMD (ATI) Graphics boards>
FirePro V8750, V8700, V7750, V5700, V3750, V3700
FireGL V8650, V8600, V7700, V5600, V3600

Compatibility list on 10-bit Display with Photoshop CS4

<table>
<thead>
<tr>
<th>Connection</th>
<th>FirePro</th>
<th>FireGL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V8750</td>
<td>V8700</td>
</tr>
<tr>
<td>CG245W</td>
<td>DisplayPort</td>
<td>Yes</td>
</tr>
<tr>
<td>CG243W</td>
<td>DisplayPort</td>
<td>Yes</td>
</tr>
<tr>
<td>SX2462W</td>
<td>DisplayPort</td>
<td>Yes</td>
</tr>
<tr>
<td>CG223W</td>
<td>DisplayPort</td>
<td>Yes</td>
</tr>
<tr>
<td>SX2262W</td>
<td>DisplayPort</td>
<td>Yes</td>
</tr>
<tr>
<td>CG303W</td>
<td>DualLink</td>
<td>Yes</td>
</tr>
<tr>
<td>CG301W</td>
<td>DualLink</td>
<td>Yes</td>
</tr>
</tbody>
</table>