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Pål K. Hansen	4. Nov 2010	01

Configuring HT C01 TEL-A596/D596/A599 for 1600 x 1200 screen resolution with Furuno MU-231CE

When connecting a Furuno MU-231CE monitor to the TECDIS computers HT C01 TEL-A596 / D596 /A599, the native resolution for the monitor (1600 x 1200) will not be selectable unless additional configuration is performed.

By following the update procedure specified below, the TECDIS system can be correctly configured to display with the “1600 x 1200” resolution on Furuno MU-231CE.

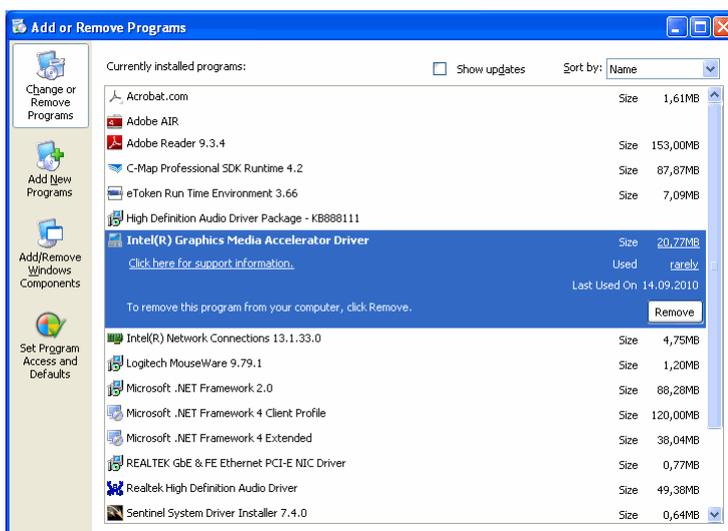
UPDATE PROCEDURE

Preparation on shore

1. Download the **modified graphics card driver** required for this update, unzip it and place the contents on a USB memory stick.
Location: <http://www.telko.no/furuno>
Filename: **TECDIS-MU-231CE-Fix-Driver.zip**
Direct Link: <http://www.telko.no/furuno/TECDIS-MU-231CE-Fix-Driver.zip>

Installation of the update

2. Insert the TECDIS Service Key and exit TECDIS (if running).
3. Open the Start Menu, select Control Panel and select “Add / Remove Programs”



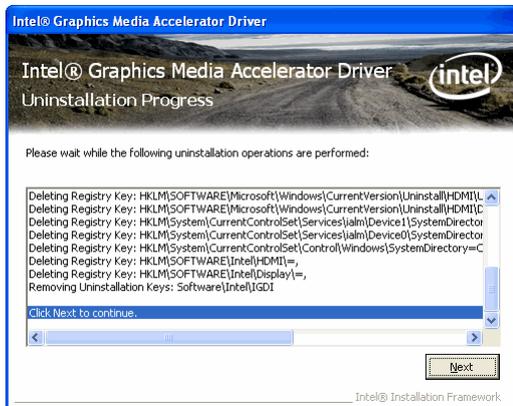
4. Select Intel Graphics Media Accelerator Driver, Press "Remove"



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5. Press “Next”.



6. Wait until the removal is complete and press “Next” again.



7. Select “Yes, I want to restart this computer now.” And press “Finish”.



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8. Wait until the restart has completed.



9. Wait until a “Found New Hardware Wizard” window appears. Press “Cancel” in this window.



10. Wait for another “Found New Hardware Wizard” window to appear. Press “Cancel” in this window as well. (Note: The windows shown for step 9 and 10 may appear in any order.)

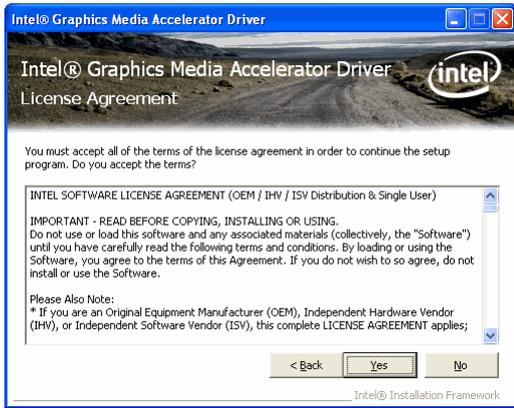
11. Insert the USB memory key containing the **modified graphics card driver** from step 1, open a “My Computer” window and navigate to the “TECDIS MU-231CE Fix Driver” directory on the USB memory stick. Run “Setup.exe”



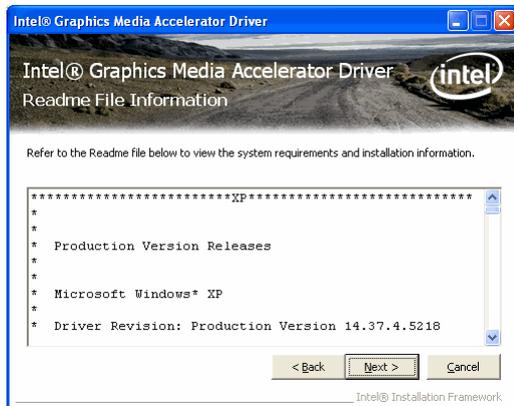
12. Press “Next”.



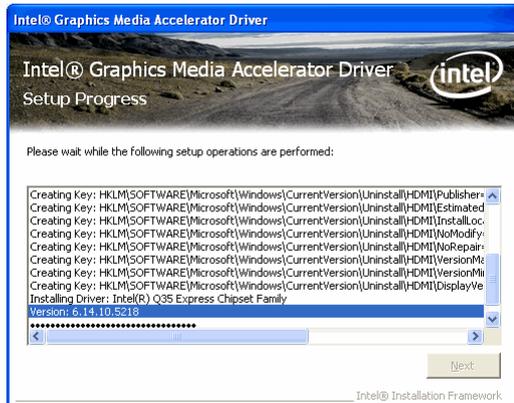
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13. Press “Yes” to accept the driver software license agreement.



14. Press “Next” to continue past the readme file information.



15. Wait while the installation is begin performed.



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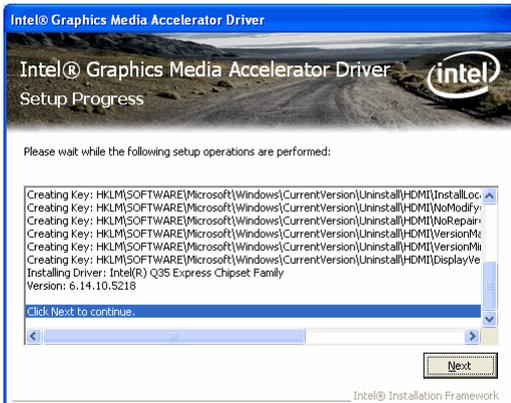


16. Press “Continue Anyway” for any “Software Installation” warning messages that appears (2 of these warnings will display).



17. Press “Continue Anyway” for any “Hardware Installation” warning messages that appears (2 of these warnings will display).

Note that the screen may flash at this stage of the installation. This is normal.



18. Press “Next” after the installation progress has completed.

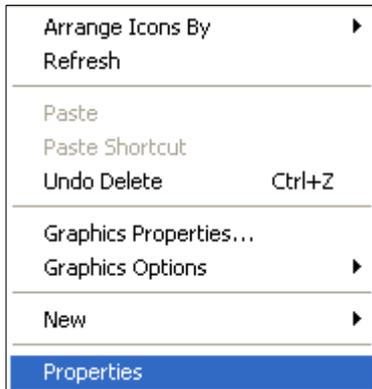


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19. Select “Yes, I want to restart this computer now.” And press “Finish”.

20. Wait until the restart has completed.



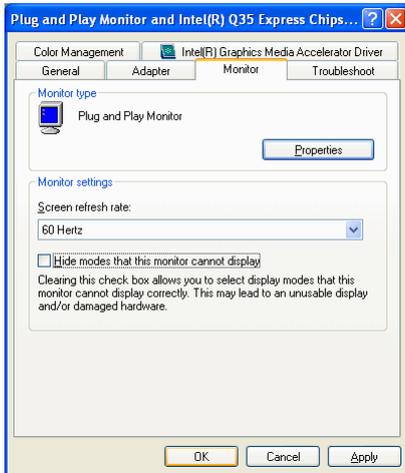
21. Click in an empty area of the windows desktop with the **right** mouse button to show a menu. Select “Properties”.



22. In the “Display Properties” window that appears, select the “Settings” tab and press “Advanced”.



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23. In the “Plug and Play Monitor and ...” window that appears, select the “Monitor” tab and **uncheck** “Hide modes that this monitor cannot display”. Then press “OK”.



24. Back in the “Display Properties” window (“Settings” tab), select the Screen resolution **1600 by 1200 pixels**. Then press “OK”.



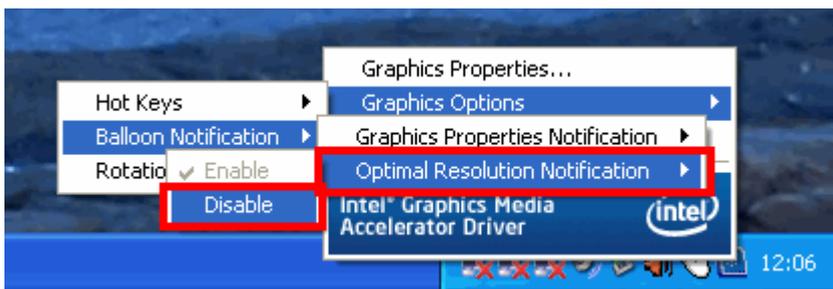
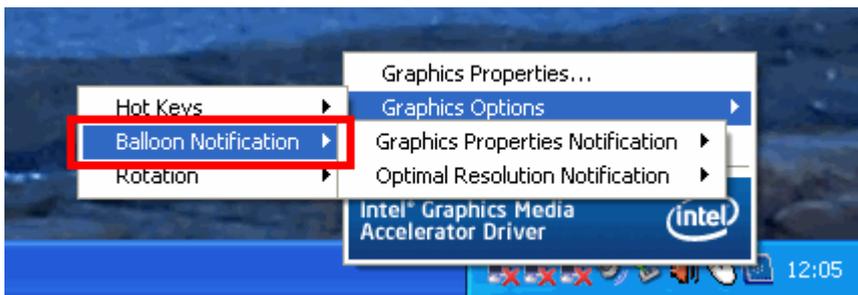
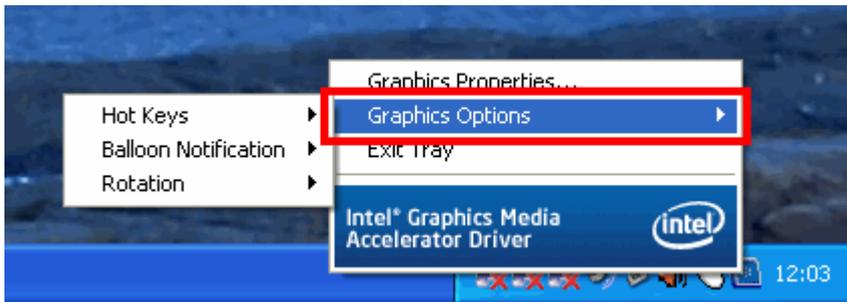
25. Press “Yes” to confirm that the new settings should be kept within 15 seconds.



26. Locate the “Intel® Graphics Media Accelerator Driver” icon in the system tray in the lower right corner of the display and click it.



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27. In the menu that appears, select “Graphics Options”, then “Balloon Notification”, then “Optimal Resolution Notification”, then “Disable”.
28. Restart the computer.

Verification of successful update

29. Wait until the computer has rebooted and the window desktop reappears.
30. Open “Display Properties” by right clicking an empty area of the windows desktop and pressing “Properties” and select the “Settings” tab (ref. steps 21 and 24).
31. Verify that the monitor resolution is set to **1600 by 1200 pixels**.
32. Verify visually that the size of the start menu button and task bar is smaller than it was at the onset of this procedure.
33. Remove the TECDIS Service Key and restart the computer to complete the update procedure.