

Feature Enhancements for 882D/881D Release 2.25.1 - vxWorks: 20.1887601

The following features are included in the Release 2.25.1.

- DVI High Color support added (10/12-bit per component).
- DVI stereo 3D functionality using the SPECIAL connector added.
- IFGX:RPTU command added to generate PacketTx report.
- GraysMHL image added for MHL testing.
- Added Vendor-Specific Infoframe for HDMI 1.4 3D/4Kx2K to Packet Report.
- Added interlaced frame packing support to 3D frame structures/formats.
- Added Cubes3D and 3DXTalk images.
- Added support for sYCC601 and AdobeYCC/RGB color spaces.

The following anomaly has been corrected in the Release 2.25.1.

- Fixed 3D problem with Side-by-Side Full.
- Fixed XDID and XGIF command problems
- Fixed booting issue when unneeded gateway file was missing.
- Fixed gating of colors on LUT entries that are gray, in some AVST/DVST.
- Fixed HDCPprod image step mode.
- Improved XML file loading for better compatibility with 780, 980, java apps.
- Fixed Hot Plug Bypass issue where it doesn't work if EDID Formats mode is enabled.
- Fixed EDID Compliance Test issue with 4-block EDIDs.
- Fixed PacketTx issue where it doesn't show correct Vendor Specific InfoFrame data.
- Fixed the issue where CVR1212D's sync polarities are reversed.
- Fixed EDID Compliance Test 8-18 to match CTS.
- Updated sample 4-block EDID file (4block.xml) in /Library/EDID/ to meet spec.
- Fixed the issue where reference EDID doesn't get loaded properly in VESA E-EDID Verification Test.
- Fixed the issue where Format Editor "Use" button doesn't output HDMI video.
- Fixed the issue where Format Editor "Use" button doesn't send same AVI InfoFrame as FMTL/FMTU does.

Note: The release files can only be applied to the 882D/881D generator (not the 882CA/882C/881C, 882E/881E, 882EA, or 882E-DP/881E-DP generators).

Software Table

The Release 2.25.1 is comprised of the following software components.

Software Component	Version	Change Status
Boot Rom	01.04.11	no change

vxWorks	20.1887601	new with 2.25.1
CPLD gateway	400C,4,8182011	new with 2.25.1
Tx gateway 1	400A,6,9052009	no change
Tx gateway 2	400B,14,8292011	new with 2.25.1
Java JRE required	1.5.06	no change

Note: 882D/881D units with CPLD gateway 400C,4,6062006 will not support DVI stereo 3D functionality using the SPECIAL connector. Contact [Customer Support](#) for information on how to upgrade these units.

New: Auto Upgrade Instructions

Now you can use Quantum Data's new AutoUpdate utility to upgrade your generator firmware and gateway. The AutoUpdate utility automates the process of upgrading firmware. It guides the user through the upgrade process, checking the Quantum Data website for the latest version and installing all files in the correct location on the generator.

Read the [AutoUpdate Instructions](#).
[Download AutoUpdate Version 1.1.4 for 880 series](#) (includes instructions)

Manual Upgrade Instructions

You can upgrade your generator using the procedures in the Users Guide. Please note that you will have to verify that your current generator is operating with Release 2.3, 2.4, 2.5.x, 2.6.0, 2.7.0, 2.8.0, 2.8.1, 2.8.2, 2.9.0, 2.10.2, 2.10.5, 2.11.0, 2.12.0, 2.13.1, 2.15.0, 2.16.3, 2.18.1, 2.19.0, 2.21.0, 2.22.0, or 2.23.0. To verify that your current generator is operating with one of these releases, enter the following command:

```
verf?
```

Release 2.3 should return the following information:

```
20.1883000, 01.04.11
```

Release 2.4 should return the following information:

```
20.1883200, 01.04.11
```

Release 2.5.4 should return the following information:

20.1883404, 01.04.11

Release 2.5.5 should return the following information:

20.1883405, 01.04.11

Release 2.6.0 should return the following information:

20.1883600, 01.04.11

Release 2.7.0 should return the following information:

20.1883800, 01.04.11

Release 2.8.0 should return the following information:

20.1884000, 01.04.11

Release 2.8.1 should return the following information:

20.1884200, 01.04.11

Release 2.8.2 should return the following information:

20.1884202, 01.04.11

Release 2.9.0 should return the following information:

20.1884400, 01.04.11

Release 2.10.2 should return the following information:

20.1884602, 01.04.11

Release 2.10.5 should return the following information:

20.1884605, 01.04.11

Release 2.11.0 should return the following information:

20.1884800, 01.04.11

Release 2.12.0 should return the following information:

20.1885000, 01.04.11

Release 2.13.1 should return the following information:

20.1885201, 01.04.11

Release 2.15.0 should return the following information:

20.1885600, 01.04.11

Release 2.16.3 should return the following information:

20.1885803, 01.04.11

Release 2.18.1 should return the following information:

20.1886201, 01.04.11

Release 2.19.0 should return the following information:

20.1886400, 01.04.11

Release 2.21.0 should return the following information:

20.1886800, 01.04.11

Release 2.22.0 should return the following information:

20.1887000, 01.04.11

Release 2.23.0 should return the following information:

20.1887200, 01.04.11

After verifying that the generator is operating with either Release 2.3, 2.4, 2.5.x, 2.6.0, 2.7.0, 2.8.0, 2.8.1, 2.8.2, 2.9.0, 2.10.2, 2.10.5, 2.11.0, 2.12.0, 2.13.1, 2.15.0, 2.16.3, 2.18.1, 2.19.0, 2.21.0, 2.22.0, or 2.23.0, upgrade your generator using the procedures below:

1. Download the 2.25.1 Zip file to your PC and unzip the file. There will be a System and a Library directory.
2. [Upgrade the generator using "Upgrading without using PC Card" procedure at this link.](#)
3. After power cycling the generator, verify that the generator is running the current 2.25.1 version of the vxWorks file by entering the following command:

verf?

20.1887601, 01.04.11

4. Verify that the vxWorks file is: 20.1887601.
5. Verify that the BootRom version is: 01.04.11.
6. Verify that the generator is running the current 2.25.1 version of the gateway files by entering the following command:

```
verg?  
400C,4,8182011:400A,6,9052009:400B,14,8292011
```

7. The first listing is the CPLD gateway. The next two listings are the transmitter gateway files for the DVI and the HDMI output. The gatewares are separated by colons. Verify that the transmitter gateway files are: 400A,6,9052009:400B,14,8292011.