4K Model Monitor FW Update Instructions

re: updating to v01.0xx package of Main, FPGA, and OSD bitmap and font data.

Please download the update file from the Boland website.
Go to www.bolandcom.com and click the right-most tab on the Home Page, Contact & Support, then click Downloads in the dropdown. Now click on the Firmware radio button, and choose the 4k Main+FPGA and choose the tab for your model of 4k monitor.

buttons there. See the ZIP, and click the Download button at screen right to obtain the .zip.
Including this instruction file, the 4k24_v1.0xx.zip file contains five files total.

Main F/W, FPGA and OSD codes will be updated via the monitor's USB port.
Please have a quality, high-speed, and fully-erased USB memory stick available.

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1. For Main Code update:
1. From the website file "4k24_v1.0xx.zip", find the extracted "Thetis733.bin".
* Caution :: Please never change the file name !!!.
2. Copy this file to the root directory of the blank USB memory stick.
3. With the monitor On and running, disconnect AC power to turn monitor Off (use power/mains cord).
4. Put the USB memory stick into the to USB port of the monitor.
5. Insert power/mains AC power cord to turn monitor On, where it will find the stick and execute it.
6. Note that keyboard Power LEDs will blink.
       * Download will take 10 ~ 15 seconds.
7. Please cycle AC power On, Off, and On again.
8. If the FPGA code is not already v03, you may not have a picture, just horizontal lines. Go to 2.

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2. For FPGA update:
1. Erase the Thetis733.bin file from the above USB stick or use a second blank stick if multiple monitors.
2. From the website file above, extract the files "Thetis.pof", "Boland_Font.dat" and "Boland_OSD.dat".
* Caution :: Please never change file names !!!.
3. Copy these files to the root directory of a blank USB memory stick.
4. With the monitor On and running, disconnect AC power to turn monitor Off (use power/mains cord).
5. Put the USB memory stick into the to USB port of the monitor.
6. Push, and keeping the monitor's Power Button pushed, insert power/mains AC power cord to turn monitor On.
7. After the Power LED starts to blink. you can release the Power Button.
       * Because the file size is 32MB, it will take 8 ~ 9 minutes to download.
         Please maintain power to the monitor and wait untill the power LEDs stop blinking.
         When the file transfer completes, the monitor will restart itself automatically.
8. Please use the power/mains AC power cord to cycle the monitor Off and On again.
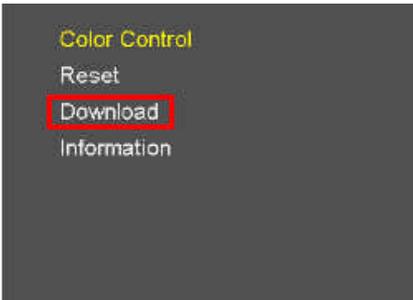
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3. For OSD update, enter Service Menu
(if monitor is currently v1.02 or earlier), leave the USB stick from No. 2 above in place, and update OSD.

See Next Page.

3. For OSD update, enter Service Menu

Using Factory Service Menu

Factory Mode Menu access:

1. Use front keys "Menu" + "Up" for about 5 seconds (until regular Menu disappears).
      (When you do this, press the Menu button first, slightly before the Up key.)

2. Arrow down to **Download**, push > arrow key to see this menu:

Do not turn off the monitor while the upgrade is proceeding.

3. OSD Download
      >Arrow down to **OSD Download**.
      >If it is not already plugged-in, insert the USB memory containing the files
            Boland_OSD.dat, Boland_Font.dat, into the USB port.
      >At the "OSD Download", push Enter (> arrow key), to start the OSD upgrade.
      >Time required: About 5 to 6 minutes.

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Some New Features in release v103:
- Added Frame Rates support
- Peaking filter
- False color
- Video range
- Closed caption
- HDR
- Improve Interlace and PSF input
- fixed some bugs.

Some New Features in release v104:
- Better Interlace and pSF support.