Sony Corporation   No.   HDCM11-009-TN

Technical News

Issued：March 8, 2011

Subject: Software Release Info. (V3.20=>V3.21)

Applicable Model(s) (Destination)	Serial Number(s)	Number of Unit(s)
HDC1000		
HDC1000R		
HDC1100R		
HDC1400R		
HDC1500		
HDC1500R		
HDC1500R/LD SYL		
HDC1600R		
HKC-HB10/L SYM		
HKC-HB10/L1 SYM		
HKC-HB10/T SY3		
HKC-HB15/L SYM		
HKC-HB15/L1 SYM		
HKC-HB15/T SY3		

[Description]

The upgraded version of the firmware (V3.20 => V3.21) and PLD (V3.02 => V3.03) is released for HDC1000/1000R series and HDC1500R/LD on which the 3G Fiber Transmission Unit (HKC-HB10/HKC-HB15) is installed. Upgrade the firmware and PLD as necessary

* Note: This firmware is dedicated to the HDC1000/1000R series and HDC1500R/LD on which the 3G Fiber Transmission Unit is installed. Do not use this firmware for the unit other than the above.
Additionally, DPR-265A-PLD is effective for HDC1000R series and HDC1500R/LD.

[Change Points]

1. Error Correction (V3.20 => V3.21)
   - The vertical bounce of the character.
   - Even if studio cameras or HDLA1500 is turned on with the UP TALLY switch on the rear panel set to OFF, the camera operates as if it is set to ON.
   - RGB4:4:4 format cannot be selected from MSU although HZC-UG444 software for user gamma and RGB4:4:4 is installed to HDC1100/1600/1100R/1600R.
   - The skin detail gate of Link B is not indicated correctly.
   - In COAX MODE, the mode setting is not switched between ON and OFF until the power is turned off and on again.
2. Corrective action for the loss of synchronization of the SDI-2 image in the 50i system mode (DPR-265A-PLD: V3.02 => V3.03)
   - The camera SDI-2 output signal has lost synchronization in 50i/50P/25PsF/24PsF in the standalone configuration is corrected by upgrading DPR-265A-PLD.

◆ **Firmware Version Upgrade**

[Preparation]

< Memory Stick >
Version upgrade is executed using a Memory Stick. Prepare one of the following types of Memory Stick.

- MSA-** (Memory Stick)
- MSG-** (MagicGate Memory Stick)
- MSH-** (MagicGate Memory Stick)
- MSX-** (Memory Stick PRO)
- MS-MT** (Memory Stick PRO Mark2)
- MSX-M** (Memory Stick PRO High Speed)
- MS-HX**, MS-EX** (Memory Stick PRO-HG Duo)

< Software Files >
- File name : hdc1000.rom (ROM data, binary file)

  * Please contact to your local Sony's service office for obtaining the file.

- Create a folder having the name shown below in a Memory Stick, and copy the file above.
  ¥MSSONY¥PRO¥CAMERA¥HDC1000

[Installation Procedure]

1. Turn on the power of the unit.
2. Insert the Memory Stick in which the version upgrade program is saved into the Memory Stick slot of the main unit.
3. Display the DIAGNOSIS menu - < ROM VERSION > page, and move the cursor so that the cursor flashes at the page number position.
4. Press and hold the ENTER switch. In approximately 3 seconds, the arrow mark "→" moves to the AT: position.   .
5. While the arrow mark "→" is pointing at AT:, press the ENTER switch. The message "VERSION UP OK?   YES → NO" is displayed.
6. Move the arrow mark "→" to YES, and press the ENTER switch. Version upgrade starts.
7. When the message "COMPLETED" appears on the < FIRMWARE UPDATE > screen, turn off the power of the camera.

[Confirmation / Adjustment]

AT-163 board version check
- Turn off the power once and turn it back on. Check that the AT firmware version is V3.21 on the DIAGNOSIS menu -=> <ROM VERUP> page.

◆ **PLD Version Upgrade**

[Preparation]

1. PLD Download Tool

2. PLD file
   (HDC1000R/1100R/1400R/1500R/1600R, HDC1500R/LD)
   DPR-265A   E-000-004-52-06   (V3.03)

   * Please contact to your local Sony's service office for obtaining the PLD Download Tool and PLD file..

[Installation Procedure]

Write the data to the PLD on the DPR-265A board using the above file with the PLD Download Tool.

[Confirmation]

Turn off the power once and turn it back on. Check that the DPR-PLD version name is changed to V3.03 on the [PLD VERSION] page of the DIAGNOSIS menu.