DATE: **February 3, 2014**　　　SUBJECT: **SOFTWARE HISTORY**

MODEL:　　*HDC1000R*
　　　　　　HDC1000R
　　　　　　HDC1400R
　　　　　　HDC1400R
　　　　　　HDC1450R
　　　　　　HDC1450R
　　　　　　HDC1500R
　　　　　　HDC1500R
　　　　　　HDC1550R
　　　　　　HDC1550R
　　　　　　HDC1580R

SERIAL NO:　**ALL**

Italicized information in green applies to customers outside the United States.

DESCRIPTION

This technical bulletin summarizes software history from the initial release through the latest release.

NOTE: PLD upgrades require specialized tools. Contact your Sony regional service center for details.

ROM FIRMWARE V2.01

- Official product release

ROM FIRMWARE V2.02

- When HKC-T1500 is connected, the SDI-2 OUT page is now displayed on the MAINTENANCE menu.

- When HZC-PSF14 (PsF option) is installed in HDC1400R/1450R, the PsF format added to the following setting can now be selected:

  OPERATION > '!' IND > FORMAT STANDARD

- One of the format displays is changed as follows:

  OPERATION > '!' IND > FORMAT STANDARD

  ~~59.94I/50I~~

  ↓

  59.94i/50i

- A safety zone of 100% can no longer be selected on the focus assist indicator display.

- When a lens supporting Automatic Lens Aberration Compensation (ALAC) is used, "ALAC (WAIT)" is displayed while focus or zoom is initialized.

ROM FIRMWARE V2.03

- When using lenses supporting ALAC, excessive ALAC compensation no longer occurs at specific iris, focus, and zoom positions.

- If a communication error occurs while a lens that supports serial communication is connected, the camera no longer momentarily detects that the lens extender is ON, and errors (such as an exclamation mark (!)) no longer appear momentarily.

ROM FIRMWARE V2.04

- Communication with HDCU-900/950 can now be established.

HDCM12-005

SDI PLD V2.02

- When the following cameras are connected to HDCU-900/950 and operated from the control panel, white noise several pixels wide no longer appears on the left of a specific line near the lower third of the image.

    HDC1000R/1100R/1400R/1500R/1580R/1600R

ROM FIRMWARE V2.05

- When RCP-750/751 is connected to the REMOTE connector of the camera while the camera is in a standalone configuration, the GAIN, OUTPUT or WHITE BAL switch on the camera main unit is no longer incorrectly enabled. In addition, the display is correctly refreshed when an operation is performed from RCP-750/751.

ROM FIRMWARE V2.06

- Characters on the VF display no longer bounce vertically.

ROM FIRMWARE V2.11
DAP PLD V4.10
DPR PLD V3.02
SDI PLD V2.11 (HDC1000R/1100R/1400R/1500R/1580R/1600R Only)

- Zoom, focus, and iris data for the lens (lens metadata) can be superimposed on the SDI signal. The following limitations apply:
  - Lens metadata are superimposed on SDI-1 output and optical fiber output, but not on SDI-2 output.
  - Lens metadata are not superimposed on HD-SDI output for HDC1400R/1450R/1550R.
  - Lens metadata cannot be transmitted from HDC1450R/1550R to the CCU.
  - Lens metadata can be transmitted from HDC1400R/1500R/1580R/1600R to the CCU directly without connecting HDFA-200.
  - When HDC1400R/1450R/1500R/1550R is connected to HDFA-200, HD-SDI output must be set to MAIN. In this case, lens metadata cannot be transmitted to the CCU and is not superimposed on HD-SDI output from HDFA-200.
- High speed TRUNK line communication is supported.
- Skin Detail Gate can be transmitted when connected to HDFA-200.
- When HZC-UG444 is installed and HKC-T1500 is connected, ACTIVE LINE: 1080 4:4:4 is displayed in the OUTPUT FORMAT menu.
- Communication between HDC1450R/1550R and the CCU can be established when HDC1450R/1550R is started with a different format than the CCU.

ROM FIRMWARE V2.12

DPR PLD V3.03

- The correction for vertical character bounce on the VF display implemented with V2.06 is now reinstated.
- When the UP TALLY switch on the rear panel of the camera or HDLA1500 is set to OFF, the camera no longer starts with the setting switched to ON.
- Synchronization of the SDI-2 image in 50i/50P/25PsF is no longer lost.

ROM FIRMWARE V2.13

- After installation of HZC-UG444, the user gamma table setting is no longer incorrectly initialized to "1" when the unit is started.
- After performing the Auto Black Balance adjustment, the CCD is no longer incorrectly set to frame reading mode with HDC1100R/1600R.

Broadcast Professional Products Asia • Sony Australia • Broadcast Professional Products Europe • Sony Canada Ltd. • Sony Electronics Inc. USA • Sony Broadcast and Professional Latin America

B-HDCM12-005-0.FM   Broadcast Products Technical Bulletin 20-2014-015   *Page 2 of 2*