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Sony Corporation

No. HDCM15-004R-TN

Technical News

Issued : January 15, 2015

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Subject: Software Release [AT Software: V2.20]

[Applicable Model]

Model / Destination	Serial Number	Number of Unit
HDC1700 CED		
HDC1700 E33		
HDC1700 JN4		
HDC1700 SYL		
HDC2000 CED		
HDC2000 J4		
HDC2000 JN3		
HDC2000 SY3		
HDC2100 J4		
HDC2400 CED		
HDC2400 E33		
HDC2400 JN4		
HDC2400 SYL		
HDC2500 CED		
HDC2500 E33		
HDC2500 JN4		
HDC2500 SYL		
HDC2550 CED		
HDC2550 UC7		
HDC2570 CED		
HDC2570 UC7		
HDC2580 CNB		
HDC2600 J4		
HKC-FB20 SYL		
HKC-TR20 SYM		
HKC-TR27 SYM		
HKC-WL20 SYM		

(Rev.1) Add the description of the correction of the 2D-Black Shading area for FIT model as the corrected error.

[Description]

V2.20 for the applicable models is released.
Perform the version upgrade as necessary.

[Change Point]

<New function>

1. Support HDC2580/1
Added SDI-1 and SDI-2 terminals to outside.
Supports the HD TUNK function and the HD PROMPTER function.
2. Focus position meter function
This is a visual support function on the VF for the focusing operation.
3. Audio mix function for ENG/PROD
This is a function to listen to the received audio for both ENG/PROD systems simultaneously.
4. Flag function
This is a function to send the appeal information to the CCU side from the CAM side.
5. Skin detail Y level limit function
An improvement of the skin detail effect mainly in the low luminance environment.
6. Volume overflow support
A function to maintain the control value at the center position of the volume knob.
7. Change the upper limit of mix ratio for MIX VF
It is increased to 99%, which used to be 80%

<Corrected Function >

1. Added the OHB PHASE page in the SERVICE menu
Moved from the SERVICE2 menu.
2. Correction of the neighboring determination process for RPN detection
Only the left most blemish can be detected when there were multiple blemishes in the same line.
3. Limitation of the VBS gain adjustment range
The TEST OUT output was clipped when the gain was too large, so the variable range was narrowed.
4. Change of the lens file specification for serial lens
The IRIS STOP value is acquired from the lens every time it is connected, and the lens file value is updated.
5. Correction of analog Triax filter
The filter characteristic was revised, and the overlap width is added outside the active range.

<Corrected Errors>

1. Stabilization of the flare correction function
A hysteresis is added to the correction control.
2. Normalization of the SDI-1/SDI-2 output embedded data
A part of the data used in the equipment was embedded, so unnecessary data was deleted.
3. Correction of verification function of OHB TYPE information
The work described in HDCM13-047R will be unnecessary.
4. Correction of the ABB behavior
The convergence accuracy is further enhanced.
5. Correction of the center marker
The center marker position was not automatically read in when the extender is switched. This error is corrected.

6. Correction of the behavior when the scene file is read
The IRIS has slightly changed when F No. Display is set to Return. This error is corrected.
7. **Correct the 2D-Black Shading area of FIT model (Only for HDC2100/2600)**
Correct the detection area of 2D-Black Shading since it is slightly shifted vertically.
After upgrading, be sure to execute OHB BLACK SHAD in FILE menu <F08:FILE CLEAR> page, before executing the AUTO BLACK SHADING function. (Rev.1)

[Preparation]

<Software file>

File name:

hdc2000_app.pkg - Software file
hdc2000_dpr1.pkg - PLD data for the DPR-338 board
hdc2000_sdi.pkg - PLD data for the SDI-109 board
hdc2000_tr.pkg - PLD data for the TR-146 board

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

<Other>

USB memory x 1

[Installation Procedure]

For the procedure, refer to the MAINTENANCE MANUAL.

[Confirmation/Adjustment]

Confirm the version of each item in the camera menu DISAGNOSIS - <ROM VERSION> (D3) page.

CAMERA APP V2.20 (Changed)		
TG	V1.00 FIT	* HDC2600/2100
TG	V2.00 IT	* HDC2500, etc.
SY	V2.00	
DPR1	V2.11 (Changed)	
DPR2	V1.20	
SDI	V2.02 (Changed)	
TR	V1.01 (Changed)	
IF	V2.00	
CD	V1.01	