

[Confidential]

Sony IP&S Inc.

No. HDCM18-040 LSPN18-028

Technical Memo

Class [2] Issued : July 26, 2018

Subject: Software Release [V1.60]

[Applicable Model]

Model / Destination	Serial Number	Number of Unit
HDCU4300 SY3		
HDCU4300 SYL		

[Description]

The updated version of HDCU4300 is released. (V1.52 => V1.60)

Upgrade the software in the unit as necessary.

In case of upgrading, upgrade the firmware and the PLD of each board by referring to the procedure below. Additionally, upgrade the peripheral unit as necessary by referring to the related technical memos.

■ Recommended software version

- HDC4300: V1.50
- HDC-P43: V1.20
- MSU-1000/1500, RCP-1500/1501/1530: V3.20

(Related technical memo)

- HDCM17-079 (HDC4300)
- HDCM17-080 (HDC-P43)
- HDCM17-085 (RCP-1500/1501/1530)
- HDCM17-086 (MSU-1000/1500)

[Change Point]

<Change function>

1. The setting of “NETWORK TRUNK MODE” in M03 TRUNK/PROMPTER2 page can be set even if the camera is not connected.
2. The version indication of DPR(Sub) FPGA in D04 VERSION2 page is supported. (Only when the DPR-392 board is installed.)

<Error Correction>

1. The error that output image of the HD Cutout becomes all black image when the MODE is changed in S08 HD CUTOOUT page is corrected. This error happens with V1.52 only.
2. The error that the response of the camera from the control from the RCP/MSU may be slow immediately after the unit is selected by camera select function is corrected.
3. The error that the HD Trunk cannot be selected in SLOT 3 setting of M01 I/F SETTINGS page when the camera is not connected is corrected.
Once BASE FORMAT is changed to “1080/59.94P(50P)” and set it to “1080/59.94I(50I)”, HD Trunk cannot be selected in SLOT3 setting when the camera is not connected.

[Preparation]

<Update data files>

File name: hdcu4300_v1.60.zip

* Obtain it from Software Download site.

The files below can be obtained by extracting hdcu4300_v1.60.zip.

hdcu4300_app.pkg	Software file
hdcu4300_dpr_sub.pkg	DPR-392 board DPR(Sub) PLD data
hdcu4300_sy.pkg	DVP-67 board SY PLD data

<Others>

USB memory x1

[Upgrading Procedure]

Upgrade the software using a USB memory. For the work procedure, refer to the MAINTENANCE MANUAL.

<Note>

If upgrading of NMI cannot be finished within 15 minutes, turn off the power, then turn it on again so that upgrading would be resumed.

[Confirmation after Version Update]

Display the CCU MENU - <DIAGNOSIS> - <VERSION1> (D03) page and <VERSION2>(D04) page, and check that the versions of the updated software and PLD are as shown in the table below.

Table 1: Updated versions

Item	Version
APPLICATION	V1.60 2018/06/25
OS	V1.10 2016/05/25
UPDATER	V1.10 2016/05/25
MIF	V1.20
VIF	V1.20
TX	V3.20
SY	V1.01
4K-POST	V1.32
SDP	V1.21
DEC(HDC4300)	V1.00
DPR(NORMAL)	V1.00
DPR(HCO)	V2.00
DPR(Sub)	V1.00 *1
NET	V1.02 *2
NMI LSI	V1.4.2_07 *2

*1 When DPR-392 board is installed

*2 When HKCU-IP43F is installed

[Supplement]

There is a limitation below by combining with CNU-700.

When CCU Format is 4K and 4K DTL of the Detail selection of the panel is not selected, the adjusted data for the camera is not reflected to the DATA page of CNU-700.

KNEE, APT, DTL LEVEL, DTL LIMITER, DTL CRISP

[Software History]

	V1.03 Initial release	V1.04 HDCM16- 012	V1.05 HDCM 16-020	V1.11 HDCM 16-030	V1.21 HDCM16- 076	V1.22	V1.30 HDCM17- 036
APPLICATION	V1.03	V1.04	V1.05	V1.11	V1.21	V1.22	V1.30
OS	V1.00	←	←	V1.10	←	←	←
UPDATER	V1.00	←	←	V1.10	←	←	←
MIF	V1.00	←	←	V1.10	←	V1.11	←
VIF	V1.03	←	←	V1.11	V1.12	V1.13	V1.14
TX	V3.00	←	←	←	V3.11	←	V3.20
SY	V1.00	←	←	←	←	←	←
4K-POST	V1.00	←	←	V1.10	V1.23	←	←
SDP	V1.00	←	←	V1.10	V1.21	←	←
DEC(HDC4300)	V1.00	←	←	←	←	←	←
DPR	V1.00	←	←	←	←	←	←
DPR(HCO)	--	--	--	--	V2.00	←	←
DPR(sub)	--	--	--	--	--	--	--
NET	--	--	--	V1.00	V1.02	←	←
NMI LSI	--	--	--	--	V1.4.1_02	←	V1.4.2_06

	V1.40 HDCM17- 081	V1.52 HDCM18- 012	V1.60 HDCM18- 040
APPLICATION	V1.40	V1.52	V1.60
OS	←	←	←
UPDATER	←	←	←
MIF	←	V1.20	←
VIF	V1.20	←	←
TX	←	←	←
SY	←	←	V1.01
4K-POST	V1.30	V1.32	←
SDP	←	←	←
DEC(HDC4300)	←	←	←
DPR	←	←	←
DPR(HCO)	←	←	←
DPR(sub)	--	--	V1.00
NET	←	←	←
NMI LSI	V1.4.2_07	←	←