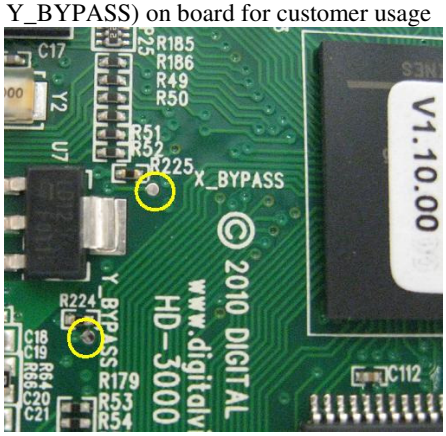
DIGITALVIEW®

PRODUCT REVISION RECORD
For Internal use

Part Number: 4160160xx-3 **Model:** HD-3000

DATE	VERSION	SUMMARY OF CHANGES	NOTE
14 June 2010	40	Production release HD-3000 **Bare PCB: 016016004-3; P/N 416016140-3** BIOS: U17, V1.10.00 (AT45DB041D)(new) U19, V0.14.00 (Atmega324PA) (new)	ECN# 870689173
13 October 2010	40 to 41	Upgrade firmware 1. Enable AFD support 2. Tuning the HD/SD-SDI supported modes colors 3. Bug fixed : No info frame information sent out from the HD-3000 to SVX causing purple screen happen 4. Fix AFD mode not defaulting to Fill to Aspect Ratio if AFD flag is missing. 5. Implement black level range 6. Add SW2 switch 1 and 2 for build option - SW2-1 and SW2-2 need short jumper for HD-3000 **Bare PCB: 016016004-3; P/N 416016041-3** BIOS: U17, V1.10.00 (AT45DB041D)(no change) U19, V0.22.00 (Atmega324PA) (changed)	ECN# 870689202
25 March 2011	4x to 50	Update new PCB - Fix rework on previous PCB - Add SDI input bypass test point (X_BYPASSS & Y_BYPASS) on board for customer usage  **Bare PCB: 016016005-3; P/N 416016050-3** BIOS: U17, V1.10.00 (AT45DB041D)(no change) U19, V0.22.00 (Atmega324PA) (no change)	ECN# 870689229
25 June 2015	50 to 51	**Upgrade firmware** 1. Prevent loss of detection issue when connected with controller through I2C 2. Enable the 10bit processing officially(10bit input and 10bit HDMI output)(please make sure it connected to the monitor with HDMI interface which supports 10bit input signal) 3. Disable the range compression and range clip. 4. Fixed improper NTSC video output at HDMI output port. 5. Fixed wrong lock signal detection due to noise for some GS2970A IC, that will cause LED3/LED4 flashing occasionally when no input cable plug into to the BNCs. **Bare PCB: 016016005-3; P/N 416016051-3** BIOS: U17, V1.10.00 (AT45DB041D)(no change) U19, V1.29.00 (Atmega324PA) (changed) **File name : HD-3000_U19_1V2900_150626.zip**	ECN# 870689513

19 December 2017	5x to 60	a. Change to use pin to pin compatible Equalizer chipset (Semtech GS2994-INTE3) used on U11 and U13 to replace the end of life Semtech GS2974B-CNTE3 Equalizer chipset. b. Remove capacitor on C70 and C74 for using the new Semtech GS2994-INTE3 chipset. **Bare PCB: 016016005-5; P/N 416016060-3** BIOS: U17, V1.10.00 (AT45DB041D)(no change) U19, V1.29.00 (Atmega324PA) (no change)	ECN# 870689681

Prepared by: DV-HK	**Date: 19 Dec 2017**