DIGITAL**VIEW**®

PRODUCT REVISION RECORD

Part Number:	**4173001XX-3**	Model:	**DD-1920-HDMI**

DATE	VERSION	SUMMARY OF CHANGES	NOTE
10 September 2013	00-3	Production release DD-1920-HDMI - Standard HDMI connector on board - support CVT timing **Bare PCB: 017300000-3; P/N 417300000-3** BIOS: U12, V1.07.00 (Flash PCT25VF040)(new) U3, V0.30 (HDMI DDC, 24C02)(same as DD-1920)	ECN# 870689394
17 July 2014	00-3 to 01-3	*Hardware change* - Change R136 from 47ohm to 4.7Kohm to increase the PWM dimming current drawn when running on the two LG panels (LD550DUN-TGB1 & LD470EUP-SEA1). **Bare PCB: 017301800-3; P/N 417300101-3** BIOS: U12, V1.07.00 (Flash PCT25VF040)(no change) U3, V0.30 (HDMI DDC, 24C02)(no change)	ECN# 870689444

15 July 2016	01 to 02	Release new firmware V1.14.00 on U12
		
		(1) Improve the accuracy of backlight level in PWM and D/A mode. (It was found that the backlight level is not linear to the percentage of the level and different ranges for different PWM frequency or in D/A mode, also the system backlight level control function was replaced by own method)
		(2) Set same brightness and gamma setting as SHARP's approved values.
		   Set default Sharpness to 4
		   Set default Color Temp to User R=100 G=100 B=100
		
		(3) Support NEC NL10276BC13-01C (1024x768) panel which fix the flickering image when power cycle. It only supports 640x480, 800x600, 1024x768 & 1280x768 input resolutions.
		   (Dip switch setting : SW1=0111 0010, SW2=1000, [0=OFF, 1=ON])
		
		Bare PCB: 017301800-3; P/N 417300102-3
		BIOS: U12, V1.14.00 (Flash PCT25VF040)(changed)
		   U3, V0.30 (HDMI DDC, 24C02) (no change)
			ECN# 870689598

13 April 2017	02 to 03	Release new firmware V1.17.00 on U12
		
		(1) Support "Resolution default by EDID" for different resolution panel.
		   The controller will set the preferred timing based off the dip switch setting selection, but also be able to go higher to 1920x1200. For example, if the panel is a 1024x768 and the dip switch setting are set for 1024x768. The preferred EDID resolution should be 1024x768. It should also have the capability to set the max resolution to 1920x1200.
		(2) Add panel support : NEC NL10276BC24-21F (1024x768)
		   SW1=1110 0010, SW2=1000, (0=Off, 1=On)
		(3) Bug fixed on overflow the RS-232 command
		
		Bare PCB: 017301800-3; P/N 417300103-3
		BIOS: U12, V1.17.00 (Flash PCT25VF040)(changed)
		   U3, V0.40 (HDMI DDC, 24C02) (changed, 1920x1200, CS= 45,48)
			ECN# 870689639

Prepared by: DV-HK	**Date: 13 April 2017**