

Part Number: **4173003XX-3** Model: **HDD-1920**

DATE	VERSION	SUMMARY OF CHANGES	NOTE
		Conformal Coating required	
10 March 2015	00	<p>Production release a special version DD-1920 that support wider temperature range. Hardware: Most components used can be operated at wider temperature range.</p> <p>Bare PCB: 01730000-3; P/N 417300300-3 BIOS: U12, V1.07.00 (Flash PCT25VF040)(same as 417300003-3) U3, V0.30 (HDMI DDC, 24C02) (same as 417300003-3)</p>	ECN# 870689494
15 July 2016	00 to 01	<p>Release new firmware V1.14.00 on U12</p> <p>(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)</p> <p>(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</p> <p>(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])</p> <p>Bare PCB: 01730000-3; P/N 417300301-3 BIOS: U12, V1.14.00 (Flash PCT25VF040)(changed) U3, V0.30 (HDMI DDC, 24C02) (no change)</p>	ECN# 870689596
14 October 2016	01 to 02	<p>Release new firmware V1.15.00 on U12</p> <p>1. Enable back the SPDIF audio output selection on OSD menu (under OSD menu > "Sound" > "Output"> "SPDIF")</p> <p>2. Bug fixed found in V1.07.00 or older firmware : The audio output cannot be muted after changing to another audio output port (Speakers/SPDIF) select. For example : Select audio output to "SPDIF" (under OSD menu > Sound > Output > SPDIF) and set Mute to ON, it gives sound output wrongly after changing to audio output to "Speakers" (under OSD menu > Sound > Output > Speakers)</p> <p>Bare PCB: 01730000-3; P/N 417300302-3 BIOS: U12, V1.15.00 (Flash PCT25VF040)(changed) U3, V0.30 (HDMI DDC, 24C02) (no change)</p>	ECN# 870689613
13 September 2017	02 to 03	<p>Release new firmware V1.16.00 on U12</p> <p>(1) Support "Resolution default by EDID" for different resolution panel.(same as done on DD-1920-HDMI) 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.</p> <p>(2) Bug fixed on overflow the RS-232 command. (Same as done on DD-1920-HDMI)</p> <p>(3) Add panel support : NEC NL10276BC24-21F (1024x768) panel</p>	ECN# 870689667

		(same as done on DD-1920-HDMI) SW1=1110 0010, SW2=1000, (0=Off, 1=On) Bare PCB: 01730000-3; P/N 417300303-3 BIOS: U12, V1.16.00 (Flash PCT25VF040)(changed) U3, V0.40 (HDMI DDC, 24C02) (changed, 1920x1200, CS= 45,48)	

Prepared by: DV-HK	Date: 13 Sept 2017
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