

Part Number: 4174900XX-3

Model: DD-1920-DP

DATE	VERSION	SUMMARY OF CHANGES	NOTE
30 March 2015	00	Production release for pilot run Bare PCB: 017490000-3; P/N 417490000-3 BIOS: U11, V1.00.00 (Flash SST25VF040)(new) U2, V0.30 (DisplayPort DDC, 24C02) (same as ALR-1920, 417270022-3)	ECN# 870689502
11 July 2016	00 to 01	Hardware no change Release new firmware on U11 (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) Bare PCB: 017490000-3; P/N 417490001-3 BIOS: U11, V1.01.00 (Flash SST25VF040)(changed) U2, V0.30 (DisplayPort DDC, 24C02) (no change)	ECN# 870689595
26 July 2019	01 to 02	Hardware no change Release new firmware V1.02.00 on U11 (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) : Bug fixed on overflow the RS-232 command (3) : Add back the query video input status RS232 command (0xC9). (4) : The "No sync" message box will move around on the screen instead of locating at the center of screen to avoid the image retention effect after displaying the 'No Sync' message box in a fixed position for a long period of time. (5) : Added two new panel timing - Mitsubishi AA150PD11 (1400x1050) panel : SW1 (Position 1-8) = ON OFF ON ON ON ON ON OFF - Samsung ASI545FB01-0 (1920x1080) panel : SW1 (Position 1-8) = ON ON ON OFF OFF OFF OFF OFF Bare PCB: 017490000-3; P/N 417490002-3 BIOS: U11, V1.02.00 (Flash SST25VF040)(changed) U2, EDID data embedded in firmware (24C02) (changed, 1920x1200, CS= 45,48)	ECN# 870689744

Prepared by: DV-HK

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