DIGITALVIEW®

| Part Number: | 4178200XX-3 | Model: | DT-4096 |

DATE	VERSION	SUMMARY OF CHANGES	NOTE
22 March 2022	10	Engineering samples stage Version Log Sheet - Need rework to fix issue on lock status LED **Bare PCB: 017820001-5; P/N 417820010-3** BIOS: U18, V1.00.00.00 (Flash GD25Q16CTIGR)(new)	ECN# 870689tbc
26 April 2022 (Revised on 20 July 2022)	20	**Release production material for pilot run using new PCB** **- new PCB added JB6 reserve for JOLED panel support** **Key features of DT-4096** Use firmware V1.00.00.04 on U18 1) Input type: . 1x HDMI 2.0 - on board type A (female) connector . 1x Displayport – on board Displayport connector. 2) Maximum panel resolution: 4096x2160@60Hz. 3) Panel interface: V-by-One or eDP (HBR2) 4) Support panel voltage : 3.3V/5V/10V/12V/18V 5) True 10-bit support (e.g. HDMI input, process, output to panel). 6) On board I^2C port for external communication. 7) On board RS-232 port for external communication. 8) Support RS-232 & IR command control. 9) Backlight control: Analog or 8 bit PWM 10) Enable frame buffer for frame rate control, image enhancement, etc. 11) Firmware upgrade through external Realtek programming board. 12) Use the original Realtek OSD menu design provided by scalar chipset. 13) Support HDMI & DisplayPort embedded audio input source. 14) Support audio line out through Stereo line out. 15) Dual color LED connector and on-board LED reporting controller status. 16) On board LED reporting power input status. 17) Support on board temperature sensor. 18) Reserved one GPIO pin for NVIS application. 19) Support 2-pins ambient light sensor connection. 20) Support DV OSD switch mount board and membrane. 21) Support 4 different panels timing on jumper selection. 22) Use Electrolytic Capacitor to reduce BOM cost. 23) Support JP6 jumper for input power on/off control. 24) Power input: 12Vdc or 24Vdc 25) Board size: 107x92mm **Bare PCB: 017820002-5; P/N 417820020-3** BIOS: BIOS: V1.00.00.04 (Flash GD25Q16CTIGR)(new)	ECN# 870689149
9 June 2023	20 to 21	To Improve signal support capability for the DP to HDMI adaptive cable (Uni 10 ft) by changing the resistor values below : Hardware change : HDMI port : Change R153, R154 to 0 ohm and R139, R162 to 33ohm Firmware change : Use firmware V1.01.00.00 on U18. 1) Bug fixed : The OSD menu cannot be brought up under power down mode 2) Bug fixed: Cannot update preferable EDID resolution, EDID name and cannot read back the custom EDID data after firmware upgrade. 3) Bug Fixed: RS232 command C8 '?' after power off, get back 0x31 value sometimes. 4) Bug Fixed: RS232 command B3 'R' reset to default cannot work. **Bare PCB: 017820002-5; P/N 417820021-3** BIOS: BIOS: V1.01.00.0 (Flash GD25Q16CTIGR)(new)	ECN# 870689179

| Prepared by: DV-HK | Date: 9 June 2023 |