

Part Number: 4177600XX-3

Model: SP-1920-DUAL-HDMI General

DATE	VERSION	SUMMARY OF CHANGES	NOTE
2 December 2020	10	<p>Production release SP-1920-DUAL-HDMI with following features Use firmware V1.18.00.00 on U3</p> <ol style="list-style-type: none"> 1) Input type: . 2x HDMI 1.4 - JST BM20B-SRDS connector 2) Maximum panel resolution: . 1920x1200 @60Hz. 3) Panel interface: . LVDS (2-channel) 4) Support panel voltage : 3.3V/5V/12V 5) True 10-bit support (e.g. HDMI input, process, output to panel). 6) Use same Frame buffer scalar as SP-1920, so the feature will be same as SP-1920. 7) On board I²C port for external communication. 8) On board RS-232 port for external communication. 9) Support RS-232 & IR command control. 10) Support interlace and lower frame rate input signals (720p30/29.97/25/24/23.976, 1080i30/29.97/25, 1080p30/29.97/25/24/23.976), same as SP-1920. 11) Backlight control: Analog or 8bit PWM & 12bit PWM 12) Multi panel support by changing the dip switch setting on board. 13) Support "Resolution default by EDID" for different resolution panel. 14) Support audio line out from HDMI through Stereo line out connector. 15) Reserved for 2 pins light sensor connection which can connect with Light Sensor kit 7200-3 or light sensor cable P/N 426005800-3 and support via TCP/IP utility. 16) Dual color LED connector and on board LED reporting controller status. 17) On board LED reporting power input status. 18) On board Temperature sensor 19) Firmware upgrade through USB programming header. 20) Power input: 12Vdc 22) Board size: 62.7mm x 91.4mm <p>Bare PCB: 017760001-5; P/N 417760010-3 BIOS: U3, V1.18.00.00 (Flash GD25Q64CSIGR)(new) HDMI1 EDID, Checksum: B1, 0C (internal memory, embedded in firmware) HDMI2 EDID, Checksum: B1, 0C (internal memory) (embedded in firmware)</p>	ECN# TW870688108

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