

Part Number: **4177300xx-3**

Model: **SVX-1920-PRO**

DATE	VERSION	SUMMARY OF CHANGES	NOTE
24Aug2021	20	<p><b>Release production material for pilot run</b></p> <p><b>Key features of SVX-1920-PRO</b></p> <p>1) Input type:</p> <ul style="list-style-type: none"> <li>- Edge connectors :</li> <li>. 1x DVI-I (single-link) – on board DVI-I connector</li> <li>. 1x HDMI (1.4) – on board type A (female) connector</li> <li>. 1x Displayport – on board Displayport connector.</li> </ul> <p>- Headers:</p> <ul style="list-style-type: none"> <li>. 1x Alternate HDMI (1.4) - internal connector</li> <li>. 1x Alternate VGA - internal connector</li> </ul> <p>2) Maximum panel resolution: 1920x1200 @60Hz.</p> <p>3) Panel interface: LVDS (4-channel)</p> <p>4) True 10-bit support (e.g. HDMI input, process, output to panel).</p> <p>5) On board 1 x RS-232 &amp; I<sup>2</sup>C port for external communication.</p> <p>6) Support RS-232 &amp; IR command control.</p> <p>7) Support backlight status input connector.</p> <p>8) Backlight control: DPMS, analog or PWM</p> <p>9) Enable frame buffer for frame rate control</p> <p>10) Support 3.3V/5V/10V/12V/18V panel power voltage.</p> <p>11) Firmware upgrade through USB port.</p> <p>12) Use the original OSD menu design provided by scalar chipset.</p> <p>13) Flexible PIP (picture in picture).</p> <p>14) Support Stereo audio line in.</p> <p>15) Support on-board temperature sensor.</p> <p>16) Support ambient light sensor.</p> <p>17) Support audio line out through SPDIF &amp; Stereo line out &amp; audio jack.</p> <p>18) Power input: 12Vdc or 24Vdc</p> <p>19) Board size: 179mm x 120mm</p> <p><b>Bare PCB: 017730002-5; P/N 417730020-3</b></p> <p>BIOS: U13, V1.11.00.00 (Flash GD25Q64CSIGR)(new) U26, DVI DDC checksum(2A,E1)(new) U25, HDMI DDC checksum(2A,A6)(new)</p>	ECN# TW87068 8133
18 Nov 2021	20 to 21	<p>Remove the Audio Jack( LINE_ OUT) on new production</p> <p><b>Bare PCB: 017730002-5; P/N 417730021-3</b></p> <p>BIOS: U13, V1.11.00.00 (Flash GD25Q64CSIGR)(no change) U26, DVI DDC checksum(2A,E1)(no change) U25, HDMI DDC checksum(2A,A6)(no change) Internal memory, DP DDC checksum(A5,A6)(no change)</p>	ECN# TW87068 8141
10 Nov 2023	21 to 22	<p>Change C24 from 33nF to 10nF to fix start up LVDS mapping issue on AUO G173HW01 panel occasionally.</p> <p><b>Bare PCB: 017730002-5; P/N 417730022-3</b></p> <p>BIOS: U13, V1.11.00.00 (Flash GD25Q64CSIGR)(no change) U26, DVI DDC checksum(2A,E1)(no change) U25, HDMI DDC checksum(2A,A6)(no change) Internal memory, DP DDC checksum(A5,A6)(no change)</p>	ECN# TW87068 8187

**Prepared by: DV-HK**

**Date: 10 Nov 2023**