

Part Number: **4178000XX-3**

Model: **HX-2560-SDI General**

DATE	VERSION	SUMMARY OF CHANGES	NOTE
		<b>This version required conformal coating</b>	
4 Jan 2022	00	<p>Production release HX-2560-SDI with the following features:</p> <p>Use firmware V1.00.00.00 on U10</p> <p>1) Input type:</p> <p>&gt; Headers :</p> <ul style="list-style-type: none"> <li>. 1x HDMI (1.4) – on board header.</li> <li>. 1x HDMI (2.0) – on board header.</li> <li>. 1x VGA – on board header.</li> <li>. 1x Displayport - on board header.</li> </ul> <p>&gt; Edge connectors :</p> <ul style="list-style-type: none"> <li>. 1x 3G/HD-SDI input - Micro BNC connector</li> <li>. 1x 3G/HD-SDI re-clock loop through output - Micro BNC connector</li> </ul> <p>2) Maximum panel resolution: WQXGA (2560x1600) @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) Multi panel support by changing the dip switch setting on board.</p> <p>6) Support 'Resolution default by EDID' for different resolution panel.</p> <p>7) Support RS-232 &amp; IR command control.</p> <p>8) On board I2C port for external communication.</p> <p>9) On board 1 x RS-232 port for external communication.</p> <p>10) Reserve one GPIO pin connector for NVIS application.</p> <p>11) Supports image flip (H-flip and V-flip).</p> <p>12) Backlight control: Analog or 12 bit PWM</p> <p>13) Support 3.3V/5V/10V/12V/18V panel power voltage.</p> <p>14) Enable frame buffer for frame rate control, image enhancement, etc.</p> <p>15) Use the original OSD menu design provided by scalar chipset.</p> <p>16) Flexible PIP (picture in picture), PBP (picture by picture)</p> <p>17) Support Stereo audio line in.</p> <p>18) Support audio out through SPDIF &amp; Stereo line out.</p> <p>19) Support on-board temperature sensor.</p> <p>20) Dual color LED connector and on-board LED reporting controller status.</p> <p>21) On-board LED reporting power input status.</p> <p>22) Support 2 pins light sensor connection which can connect the Light Sensor Kit 7200-3 or Light Sensor cable P/N 426005800-3, but not support the old light sensor kit 70220-3.</p> <p>23) Firmware upgrade through USB header.</p> <p>24) Make Harsh Environment version using the components with wide range operating temperature and with Conformal coating for extreme environment applications</p> <p>25) Power input: 12Vdc or 24Vdc.</p> <p><b>Bare PCB: 01780000-5; P/N 41780000-3</b>            BIOS: U10, V 1.00.00.00 (Flash GD25Q64CSIGR)(new)</p>	<p>ECN# TW870688144</p>
13 Jan 2022	00 (remain no change)	<p>Release new firmware V1.00.00.01 to fix EDID error:</p> <p>Bare PCB: 01780000-5; P/N 41780000-3            BIOS: U10, V 1.00.00.01 (Flash GD25Q64CSIGR)(changed)</p>	<p>ECN# TW87068814 8</p>

**Prepared by: DV-HK**

**Date: 13 Jan 2022**