

Part Number: 4178000XX-3

Model: HX-2560-SDI General

DATE	VERSION	SUMMARY OF CHANGES	NOTE
		This version required conformal coating	
4 Jan 2022	00	Production release HX-2560-SDI with the following features: Use firmware V1.00.00.00 on U10 1) Input type: > Headers : . 1x HDMI (1.4) – on board header. . 1x HDMI (2.0) – on board header. . 1x VGA – on board header. . 1x Displayport - on board header. > Edge connectors : . 1x 3G/HD-SDI input - Micro BNC connector . 1x 3G/HD-SDI re-clock loop through output - Micro BNC connector 2) Maximum panel resolution: WQXGA (2560x1600) @60Hz 3) Panel interface: LVDS (4-channel) 4) True 10-bit support (e.g. HDMI input, process, output to panel). 5) Multi panel support by changing the dip switch setting on board. 6) Support 'Resolution default by EDID' for different resolution panel. 7) Support RS-232 & IR command control. 8) On board I:C port for external communication. 9) On board 1 x RS-232 port for external communication. 10) Reserve one GPIO pin connector for NVIS application. 11) Supports image flip (H-flip and V-flip). 12) Backlight control: Analog or 12 bit PWM 13) Support 3.3V/5V/10V/12V/18V panel power voltage. 14) Enable frame buffer for frame rate control, image enhancement, etc. 15) Use the original OSD menu design provided by scalar chipset. 16) Flexible PIP (picture in picture), PBP (picture by picture) 17) Support Stereo audio line in. 18) Support audio out through SPDIF & Stereo line out. 19) Support on-board temperature sensor. 20) Dual color LED connector and on-board LED reporting controller status. 21) On-board LED reporting power input status. 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. 23) Firmware upgrade through USB header. 24) Make Harsh Environment version using the components with wide range operating temperature and with Conformal coating for extreme environment applications 25) Power input: 12Vdc or 24Vdc. Bare PCB: 01780000-5; P/N 417800000-3 BIOS: U10, V 1.00.00.00 (Flash GD25Q64CSIGR)(new)	ECN# TW870688144
13 Jan 2022	00 (remain no change)	Release new firmware V1.00.00.01 to fix EDID error: Bare PCB: 017800000-5; P/N 417800000-3 BIOS: U10, V 1.00.00.01 (Flash GD25Q64CSIGR)(changed)	ECN# TW87068814 8
		Start produce ROHS and REACH version HX-2560-SDI	
25 Nov 2025	00 to 01	No hardware and firmware change Bare PCB: 017800000-5; P/N 417800001-3 BIOS: U10, V 1.00.00.01 (Flash GD25Q64CSIGR)(no changed)	ECN# TW87068825 0

Prepared by: DV-HK
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