



Product End of Life Notice

LCD Controller SVX/HX-1920v3,
SVH/HE-1920v2, SVX-2560

Discontinued as of

December 10th, 2021

Due to an EOL of the main component chip, Digital View is forced to announce the end of life of the following five LCD Controller products and **ALL CUSTOM VERSIONS**:

Part #	Description
4174700XX-3	SVX-2560 CONTROLLER, RoHS
4174800XX-3	SVX-1920v3 CONTROLLER, RoHS
4174801XX-3	HX-1920v3 CONTROLLER, HARSH ENVIRONMENT, RoHS
4175200XX-3	SVH-1920V2 CONTROLLER, RoHS
4175201XX-3	HE-1920V2 CONTROLLER, HARSH ENVIRONMENT, RoHS

SVX-1920-PRO will be the suitable replacement for both SVH-1920v2 and SVX-1920v3 and will be available in mass production **December 2021**. Please see “**SVX-1920-PRO/HX-2560-SDI comparison chart**” for reference.

Part #	Description
4177300XX-3	SVX-1920-PRO CONTROLLER, RoHS
4178000XX-3	HX-2560-SDI, HARSH ENVIRONMENT, RoHS

SVX-1920-PRO: The SVX-1920-PRO is a full frame buffered multi-sync LCD controller board for analog and digital video input with support for a wide range of TFT LCD panels up to WUXGA resolution. It is a true 10-bit board providing 10-bit color depth on a 10-bit LCD panel. Options include a range of accessories, and customization of features and functions. The SVX-1920-PRO will replace both SVX-1920v3 and SVH-1920v2. A harsh environment version will be released Q1 2022 while the standard version will be available December 2021.

HX-2560-SDI: The HX-2560-SDI is a full memory buffered multi-sync interface controller board designed for harsher environments providing analog and digital input for a wide range of TFT LCD panels up to 2560x1600 resolution. It is a true 10-bit controller board supporting 10 bit color depth on a 10 bit panel. Advanced features include dual-digital Picture-in-Picture (PiP), image flip (H&V), anti-image retention function and many accessory boards. Limited samples will be available in mid Q3 2021 with mass production available in early Q1 2022.

Existing inventory on hand at franchised, stocking distributors will be eligible for stock rotation through December 10th, 2021.

For additional information, please contact:

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Comparison Chart of new SVX-1920-PRO and HX-2560-SDI to EOL SVH/HE-1920v2, SVX-1920v3 and SVX-2560

INPUT & PANEL RESOLUTION	SVH-1920v2	SVX-1920v3	SVX-2560	SVX-1920-PRO	HX-2560-SDI
640x480 (VGA)	✓	✓	✓	✓	✓
800x480 (WVGA)	✓	✓	✓	✓	✓
800x600 (SVGA)	✓	✓	✓	✓	✓
1024x600 (WSVGA)	✓	✓	✓	✓	✓
1024x768 (XGA)	✓	✓	✓	✓	✓
1280x1024 (SXGA)	✓	✓	✓	✓	✓
1366x768, 1280x768 (WXGA)	✓	✓	✓	✓	✓
1400x1050 (SXGA+)	✓	✓	✓	✓	✓
1280x800, 1440x900 (WXGA)	✓	✓	✓	✓	✓
1600x1200 (UXGA)	✓	✓	✓	✓	✓
1920x1080,1920x1200 (WUXGA)	✓	✓	✓	✓	✓
1920x1920	x	x	✓	✓	✓
2560x1440	x	x	✓	✓	✓
2560x1600 (WQXGA)	x	x	✓	✓	✓
Custom – within range	✓	✓	✓	✓	✓
INPUT CONNECTORS & SIGNALS	SVH-1920v2	SVX-1920v3	SVX-2560	SVX-1920-PRO	HX-2560-SDI
VGA	✓	✓	✓	✓ (via DVI-I)	x
VGA 2	✓(not support VGA on VGA)	x	x	x	x
VGA internal connector	x	x	x	✓	✓
DVI	DVI-D (single-link)	DVI-D (single-link)	DVI-D (dual-link)	DVI-D (single-link) via DVI-I	x
DVI internal connector	x	✓	✓	✓ (Build option)	x
HDMI (Type A)	x	✓	✓	✓	x
HDMI internal connector	x	✓	✓	✓ (Build option)	✓x2
Displayport	x	x	✓	✓	x

Displayport internal connector	x	x	x	✓ (Build option)	✓
Composite Video	✓x2	✓ (with video mux board AVD-1000)	✓ (with video mux board)	✓ (with video mux board AVD-2000)	x
S-Video - Y/C	✓x2	✓ (with video mux board AVD-1000)	✓ (with video mux board)	✓ (with video mux board AVD-2000)	x
Component 1	HD	HD	HD	x	x
Component 2	x	x	x	x	x
Auxiliary analog video port 1 (Header)	✓	x	x	x	x
Auxiliary analog video port 2 (Header)	✓	x	x	x	x
Auxiliary HDMI port for Video mux board	x	✓	✓	✓	x
HD-SDI TTL input interface	✓	x	✓	x	x
3G /HD-SDI input and re-clock loop out.	x	x	x	x	✓
1.5G / 3G HD-SDI (HD-1000/-2000/HD-3000) via HDMI interface	x	Option	Option	Option	Option
PANEL INTERFACE	SVH-1920v2	SVX-1920v3	SVX-2560	SVX-1920-PRO	HX-2560-SDI
LVDS Panel Interface	✓	✓	✓	✓	✓
Embedded DisplayPort (eDP1.2)	✓	x	✓	x	x
Panel bit level	10 bit	10 bit	10 bit	10 bit	10 bit
Panel vertical refresh	60Hz	60Hz	60/120Hz(FHD)	60Hz/120Hz(FHD)	60Hz/120Hz(FHD)
FUNCTIONS	SVH-1920v2	SVX-1920v3	SVX-2560	SVX-1920-PRO	HX-2560-SDI
Brightness, Contrast, Color Temp	✓	✓	✓	✓	✓
Image Up Scaling	✓	✓	✓	✓	✓
Image Down Scaling	✓	✓	✓	✓	✓
Multi-panel support	✓	✓	✓	✓	✓
Infra-Red Remote control	✓	✓	✓	✓	✓
Picture In Picture	✓	✓	✓	✓	✓
Picture By Picture (Side by Side)	✓	✓	✓	✓	✓
PIP Transparency	✓	✓	✓	x	x

Dual Digital PIP inputs support	x	✓	✓	✓	✓
Memory Buffer	✓	✓	✓	✓	✓
RS-232 Serial – DV protocol	✓	✓	✓	✓	✓
Graphic Image Flip (H&V)	✓	✓	✓	✓	✓
Graphic Image Rotation	x	x	x	✓	✓
Variable Aspect Ratio	✓	✓	✓	✓	✓
Auto Source Seek	✓	✓	✓	✓	✓
Auto power when absence of input signal	✓	✓	✓	✓	✓
User default settings	✓	✓	✓	✓	✓
Programmable Hot Keys	✓	✓	✓	✓	✓
Anti-image retention	✓	✓	✓	✓	✓
Monochrome mode	✓	✓	✓	✓	✓
OSD menu languages support (English / Spanish / French)	✓	✓	✓	✓	✓
Support composite video mux board (AVD-1000)	x Custom version	✓	✓	✓	✓
Video standard selection	✓	x	x	x	x
Support video wall function	x	✓ use separate firmware	✓ use separate firmware	✓ use separate firmware	✓ use separate firmware
OSD menu position / timeout	✓	✓	✓	✓timeout only	✓timeout only
PWM backlight support	✓	✓	✓	✓	✓
Standard Gamma selection	✓	✓	✓	✓	✓
Wide screen mode selection	✓	✓	✓	✓	✓
Resolution default EDID for different panel resolution function	✓	✓	✓	✓	✓
Baud rate support (2400 / 4800 / 9600 / 14400 / 19200 / 38400 / 57600 / 115200)	✓	✓	✓	✓	✓
Hardware	SVH-1920v2	SVX-1920v3	SVX-2560	SVX-1920-PRO	HX-2560-SDI
On board LED backlight driver	x	x	✓	✓ (Build option)	x
OSD switch mount connector type	Hirose DF13A-12P-1.25H	Hirose DF13A-12P-1.25H	Hirose DF13A-12P-1.25H	Hirose DF13A-12P-1.25H	Hirose DF13A-12P-1.25H
LVDS output connector	JAE 51 ways	JAE 51 ways	JAE 51 & 41 ways	JAE 51 ways	JAE 51 ways
Auxiliary +5VDC output	✓	x	x	x	x

Analog (Stereo) audio in and audio out connectors	x	✓	✓	✓	✓
RS-232 connector	✓x 2	✓x 2	✓x 2	✓x 2	✓x 1
Ethernet – DV protocol	x	✓ (IP-50)	✓ (IP-60)	✓ (IP-50) (Build option)	x
Backlight status input connector	✓	✓	✓	✓	x
Panel power voltage support	3.3/5/10/12/18V	3.3/5/10/12/18V	3.3/5/12/18V	3.3/5/10/12/18V	3.3/5/10/12/18V
External panel power output (J5)	✓	✓	✓	x	x
Panel control signal (CN4)	✓	✓	✓	✓	✓(CNA1)
SPDIF digital audio output	x	✓	✓	✓	✓
Audio line out jack	x	x	x	✓	x
On-board temperature sensor	x	x	✓	✓	✓
Ambient Light sensor	✓(via CN9)	✓(via CN9)	✓(via CN9)	✓(via CN6)	✓(via CN6)
Supports sensors via IP-60 for light, temperature, fan & backlight power	x	x	✓	x	x
External power input (PP4)	✓	✓	✓	✓	✓
Firmware Upgrade (via)	RS-232/Smart ISP	RS-232/Smart ISP	RS-232/Smart ISP	USB header	USB header
Input connectors placement arrangement	DVI/VGA/S-Video/Composite	VGA/HDMI/DVI	VGA/HDMI/DVI	DVI-I / HDMI / DisplayPort	Internal connectors
Input Power Range	12v/24v ± 5%	12v/24v ± 5%	12v/24v ± 5%	12v/24v ± 5%	12v/24v ± 5%
Dimensions (mm)	179x120	179x120	203x120	179x120	152.4x101.6