

## Comparison of new SP-1920v2 to SP-1920 (EOL)


INPUT & PANEL RESOLUTION	SP-1920 (EOL)	SP-1920v2
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	SP-1920 (EOL)	SP-1920v2
VGA 1	✓	✓
VGA 1 internal connector	✓	✓
VGA 2	x	x
DVI	DVI-D (single-link)	DVI-D (single-link)
DVI internal connector	x	x
HDMI 1 (Type A)	✓	✓
HDMI 1 internal connector	✓	✓
HDMI 2 internal connector	✓	✓
Displayport	x	x
Composite Video	✓x2	✓x1
Composite Video loop out	x	✓
S-Video - Y/C	x	x
Component 1	HD/SD	HD/SD
Auxiliary analog video port (Header)	✓	✓
PANEL INTERFACE	SP-1920 (EOL)	SP-1920v2
LVDS Panel Interface	✓	✓
Embedded DisplayPort (eDP1.2)	x	x
Panel bit level	10 bit	10 bit
Panel vertical refresh	60Hz	60Hz
FUNCTIONS	SP-1920 (EOL)	SP-1920v2
Brightness, Contrast, Color Temp	✓	✓
Image Up Scaling	✓	✓
Image Down Scaling	✓	✓

Function different between SP-1920 and SP-1920v2

Multi-panel support	✓	✓
Infra-Red Remote control	✓	✓
Picture In Picture	x	x
Picture By Picture (Side by Side)	x	x
Memory Buffer	✓	✓
RS-232 Serial – DV protocol	✓	✓
Graphic Image Flip (H&V)	✓	✓
Graphic Image Rotation	x	x
Variable Aspect Ratio	✓	✓
Auto Source Seek	✓	✓
Auto power when absence of input signal	✓	✓
User default settings	x	x
Freeze & Zoom function	x	x
Programmable Hot Keys	✓	✓
Anti-image retention	✓	✓
OSD menu languages support (English / Spanish / French)	✓	✓
Video standard selection	✓	✓
Text overlay function	x	To be confirmed
OSD menu position / timeout	✓timeout only	✓timeout only
PWM backlight support	✓	✓
Standard Gamma selection	✓	✓
Resolution default EDID for different panel resolution function	✓	✓
Baud rate selection (2400 / 4800 / 9600 / 14400 / 19200 / 38400 / 57600 / 115200)	x	To be confirmed
<b>Hardware</b>	<b>SP-1920 (EOL)</b>	<b>SP-1920v2</b>
On board LED backlight driver	x	x
OSD switch mount connector type	Hirose DF13A-12P-1.25H	Hirose DF13A-12P-1.25H
LVDS output connector	JAE 51 ways	JAE 51 ways
Audio board connector	✓	x
Analog (Stereo) audio in and audio out connectors	✓	✓
RS-232 connector	✓x 1	✓x 1
Ethernet – DV protocol	x	x
Backlight status input connector	✓	✓
Panel power voltage support	3.3/5/10/12/18V	3.3/5/10/12/18V
SPDIF digital audio output	✓	✓
Audio line out jack	x	✓
On-board temperature sensor	x	✓
Ambient Light sensor (via CN6)	✓	✓
Backlight control	Analog & 8 bits PWM control.	Analog & 8 bits PWM control.(12 bits PWM built option)
Media file failover function from USB flash device.	✓(h.264 support)	✓(h.264/h.265 support)
1 x GPIO pin for NVIS application.	x	✓
External power input	✓	✓
Firmware Upgrade (via)	Service port/USB thumb drive	Service port/USB thumb drive
Input connectors placement arrangement	HDMI/DVI/VGA/ Composite	HDMI/DVI/VGA/ Composite

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HARDWARE	SP-1920 (EOL)	SP-1920v2
Input Power Range	12v/24v ± 5%	12v/24v ± 5%
Dimensions (mm)	179x120	179x120

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