

# VSP 168

## Integrated Seamless Scaler



### Compact & Convenient

At only 1U and half rack width, VSP168 is perfect for space restricted applications. Yet, VSP168 is packed with features, supporting up to full 2K resolutions for both input and output. The standard model includes Composite (CVBS), VGA, Component (YPbPr on the VGA connector), as well as HDMI In and Loop through. The VSP168S model adds SDI In / Loop capability. SDI, HDBaseT and fibre outputs can be added also for even more flexibility with the VSP168HD model.

For environments where multiple compact scalers are needed, a 1U full width 19" rack kit is available, allowing two VSP168 units to be fitted side-by-side.

### Seamless Switching & Scaling

Direct access buttons allow easy seamless switching from the front panel, as do dedicated buttons for Scale and Split. VSP168 includes a LCD display for easy menu settings and visual feedback back of status as well as configuration of Scale and other features.

The Split feature allows simple configuration of VSP168 where multiple devices are to create seamless large displays.

### Built for Digital Signage

Despite the small form factor, VSP168 includes capability to install a LED display Sender Card, further saving space for integrators and simplifying operations for rental applications.

Remotely control VSP168 from PC software via USB, or control with third party integrations by RS232.

### Scale Pixel by Pixel



### Picture In Picture

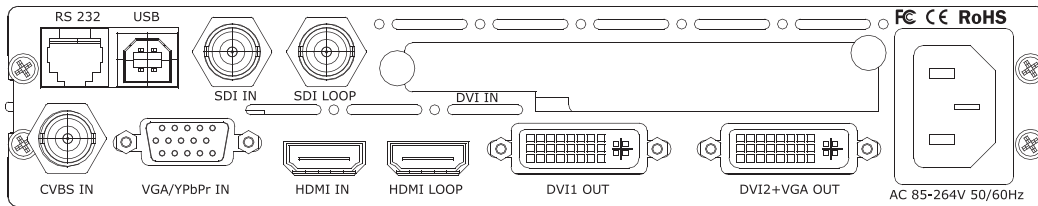


### Alpha Key Transitions



### Rack System Solutions





VSP168S model shown

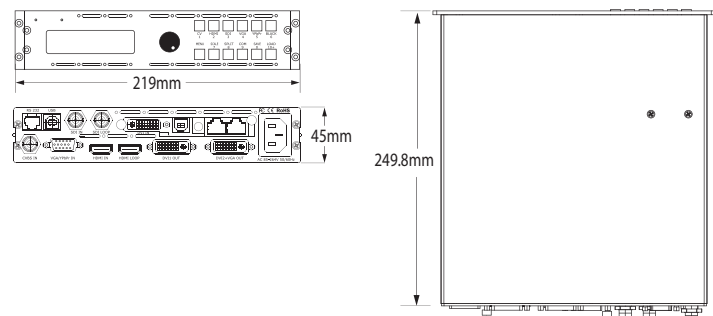
## Specifications

Inputs	Signals Supported	CVBS, VGA, YPbPr, HDMI, SDI (SD/HD/3G)
Outputs	Signals Supported	DVI-I
Communications	Serial	RS232
Ports	USB	2.0
Performance	Input Resolution	CVBS: PAL   NTSC VGA: 1024×768×60   800×600×60   640×480×60   1280×720×60   1280×800×60 1280×960×60   1280×1024×60   1440×900×60   1400×1050×60   1600×1200×60 1680×1050×60   1920×1080×60   1366×768×60 HDMI: SMPTE: 625/25 PAL, 525/29.97 NTSC, 625/50p PAL, 525/59.94p NTSC, 720p50/59.94/60   1080i50/59.94/60   1080P50/59.94/60 VESA: 800×600×60   1024×768×60   1280×768×60   1280×1024×60   1600×1200×60 1920×1080×50   1920×1080×60 SDI: ITU-R BT.656,ITU-R BT.601,SMPTE 259M, SMPTE 292, SMPTE 297
	Output Resolution	Select from standard set or select user configurable 800×600×60   1024×768×60   1024×768×75   1280×720×50   1280×720×60 1280×768×60   1280×800×60   1280×1024×60   1360×768×60   1366×768×60 1400×1050×60   1440×800×60   1440×900×60   1600×1200×60   1680×1050×60 1920×1080×50   1920×1080×60   1920×1120×60   1920×1200×60   2048×1152×60 2560×812×60   2560×816×60
	Refresh Rates	50   60   75
	Standards Supported	CVBS: PAL   NTSC VGA: VGA-UXGA HDMI: 1.3 SDI: ITU-R BT.656,ITU-R BT.601,SMPTE 259M, SMPTE 292, SMPTE 297
Features	Grayscale Processing	10 bit
	Scaling Engine	10 bit
	Effects	Cut, Fade, Range of transitions
	Text Overlay/OSD/ Subtitle/Banner Display	Standard (from Ver 1.2)
	EDID Management	standard
	Signal Backup	standard
	Remote Control Apps	Windows®
Environmental	Operation Temperature Range	0°C - 40°C
	Operation Humidity Range	10% - 85%
Electrical	Input Power	100V-240V 50/60-Hz Auto-ranging
	Max Power	65W
Physical	Format	1U 19" Rack Mounting
	Device Dimensions	219mm x 250mm x 45mm
	Packed Dimensions	535mm x 355mm x 130mm
	Device Weight	1.4kg
	Package Weight	2.8kg

## Order Codes

Product Code	Item
100-0168-01-0	VSP168 Compact Switcher
100-0168-02-0	VSP168S Compact Switcher with SDI In
100-0168-03-0	VSP168HD Compact Switcher with SDI In SDI/HDBaseT/Fiber Output
920-0003-01-0	1U Rack Assembly for 2pcs VSP168
920-0004-01-0	2U Rack Assembly for 4pcs VSP168

## Dimensions



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