

# BVS-100

Portable 4 Input SD/HD-SDI & HDMI Live Digital Video Switcher with Audio and Chroma Key (Bon)

ONE SHEET

## Overview

Bon's BVS-100 four channel HD keypad or mouse controlled switcher features a total of five video inputs, of which four are active at anytime. This allows you to input up to two HDMI and two SDI or one HDMI and three SDI sources. Audio input is via embedded audio in the HDMI or SDI signals and the BVS-100 incorporates a pair of 3-Pin XLR connectors for balanced audio signals. Input signals need not be matched as the BVS-100 can input up to four different format signals and convert then all to your selected output format.

The preview out HDMI signal shows a quad split multi view of your selected inputs with the program out signal highlighted in red. The BVS-100 supports effects keying allowing you to select one input for keying and a second input as your fill for that key. This can also be used to input and overlay graphics from an external media source or graphics generator. An included USB keypad is provided for control and the BVS-100 can also be controlled via a compatible mouse.



**BVS-100** | Portable 4 Input SD/HD-SDI & HDMI Live Digital Video (Bon) | **UPC Code:** 889716000418

## Special Features

- Incorporates 3 SDI and 2 HDMI Inputs
- Supports Up to 1920x1080p 60 (Input)
- Supports Up to 1920x1080i 60 (Output)
- Built-In Transition Effects
- Built-In Keyer
- Audio Input / Output Embedded in SDI/HDMI
- Included USB Keypad for Control

## Recommended For

- Schools
- Houses of Worship
- Small Studios



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# BVS-100

Features you need, Prices you want.

## Four Independent Inputs

The BVS-100 supports four inputs across its five independent input ports. The input signals do not have to be in the same format as the unit will convert all the input signals to match your selected output format and frame rate. It is able to do this without overheating

## HDMI & SDI Inputs

Sporting a total of five input ports, 2x HDMI, 3x SDI, you can input four video signals with embedded audio, selecting either 2x HDMI and 2x SDI Inputs, or 1x HDMI and 3x SDI Signals.

## Quad Split Multi View Preview

The multi-view preview screen displays the input video signals all at once on a HDMI output so you can preview your program using a readily available HDMI monitor. A red rectangle overlay indicates which input is being fed to the program output.

## Input Formats

The BVS-100 supports 1920x1080i/p 60, 59.94, 50, 24, and 23.98 for input. It also supports 720 60, 59.94, 50, NTSC, and PAL

## Output Formats

The BVS-100 supports 1920x1080 60i, 59.94i, and 50i for output. It also supports 720p 60, 59.94, 50, NTSC, and PAL.

## Audio

You can use embedded audio from each input source for from the XLR inputs. Each input can have its level independently set in the menu system. Output or master audio level is controlled by the program output level

## Effects

The BVS-100 supports and can create multiple effects, such as; transitions effects, CG fill input, and luma keying.

## What's Included

1 x BVS-100

## Input/Output Specs

Video Input	3 x HD-SDI 2 x HDMI (Max 4 Channels)
Video Output	1 x SDI (Program Output) 1 x HDMI (Program Output) 1 x HDMI (Multi View Output)
Audio Input	5 x Embedded SDI & HDMI 2 x Analog L/R, Balanced XLR Jack
Audio Output	HDMI/SDI with Embedded Audio 1 x Phone Audio L/R, 3.5 pin jack
Input Formats	1920x1080, 60p/30p/60i/59i/50i/24p23.98 psf 1280x720, 60p/50p, NTSC, PAL
Output Formats	1920x1080, 60p/60i/59i/24p 1280x720, 60p/50p, NTSC,PAL

## General Specs

Control I/O Port	1 x USB, 1 x RS-422, RJ-11 Jack, 1 x LAN (Control)
Operating Temperature	0°C~40°C (32°F~104°F)
Operating Humidity	20%-80% RH
Power Requirements	12v DC (7v~18v)
Power Consumption	14W
Weight	1.2 kg
Dimensions	11.8 x 1.8 x 7.1 in.

## Shipping Specs

Shipping Dimensions	18.9 x 12.2 x 4.7 in.
Shipping Weight	6 lbs

## Optional Accessories

IKC-AH2S	Advanced HDMI to SDI Converter
IKC-AS2H	Advanced SDI to HDMI Converter
IKC-H2S1	HDMI to SDI Converter
IKC-S2H1	SDI to HDMI Converter
HDMI-2-HDMI	Signal Input/Dual Output Passive HDMI Splitter
HDMI-AA-18	1.5 ft HDMI Cable 1.4v (Standard to Standard)
HDMI-AA-36	3 ft HDMI Cable 1.4v (Standard to Standard)
HDMI-AA-72	6 ft HDMI Cable 1.4v (Standard to Standard)
HDMI-AC-18	1.5 ft HDMI Cable 1.4v (Mini to Standard)
HDMI-AC-36	3 ft HDMI Cable 1.4v (Mini to Standard)
HDMI-AC-72	6 ft HDMI Cable 1.4v (Mini to Standard)
HDMI-AD-18	1.5 ft HDMI Cable 1.4v (Micro to Standard)
HDMI-AD-36	3 ft HDMI Cable 1.4v (Micro to Standard)
HDMI-AD-72	6 ft HDMI Cable 1.4v (Micro to Standard)



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