

Product Data Sheet

2 x 1 or 4 x 1 HDMI Switch 4K



Overview

The 2 x 1 or 4 x 1 HDMI Switch 4K enables users to quickly and easily share display devices (HDTV, Blu-ray player, HD-DVD, Xbox, Wii, PS3, satellite receiver, etc.) from your device inputs to one output device (monitor, projector, or TV). You can select the desired input source via the remote control or push button located on the switch.

Basic Features

- Select one output device from 2 or 4 different sources.
- Autosensing function automatically selects active input source or prioritized source.
- Control the switch via the front-panel push button, IR remote controller, or, for the 4-port model, via the serial connection.
- Locking HDMI cables keep your connections secure.
- Individually turn ON/OFF the output port.
- 3D-video, HDCP compliant, and Blu-ray ready
- Non-volatile memory stores all settings in case of blackout.
- Innovative technology designed to avoid unnecessary flicker when adding system instruments.
- Signal optimization chooses the best output setting from the available alternatives.
- HDTV, 3D HDTV compatible.
- Supports 4K x 2K @ 30 Hz video mode.
- EDID Copy function and EDID Pre-setting ensure accurate output display.

Ordering Information

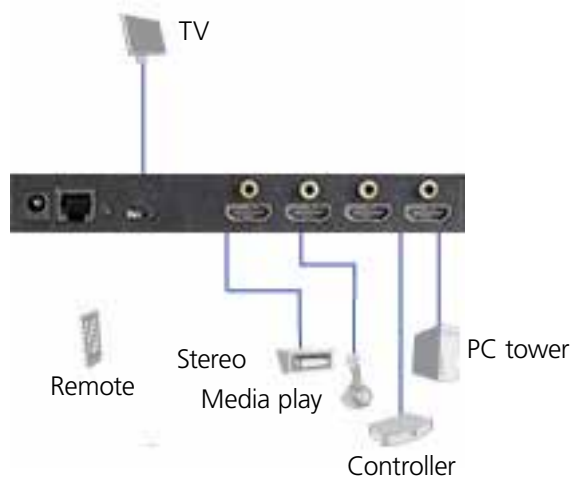
Item	Code
HDMI Switch 4K	
2 x 1	VSW-HDMI2X1-4K
4 x 1	VSW-HDMI4X1-4K

2 x 1 or 4 x 1 HDMI Switch 4K Data Sheet

Specifications

Approvals	Unit and power supply: FCC Part 15, CE, UL, RoHS, Power supply: Also has CSA, TUV
Color	Black
Frequency Range	25–297 MHz
Material	Steel
Mode Configuration	Switch/Autosensing/Priority/Matrix
MTBF	50,000 hours
Serial Control	VSW-HDMI2X1-4K: Not applicable, VSW-HDMI4X1-4K: Yes, RJ-11
Signal Configuration	Video: Auto/inventory, Audio: Auto/inventory
User Controls	(1) port selection switch button, (1) EDID Copy button, (1) EDID switch for EDID selection, (1) EGO setting switch for auto functions
Video Mode	4K x 2K @ 30 Hz
Connectors	VSW-HDMI2X1-4K: Input: (2) HDMI female, Output: (1) HDMI female, Power: (1) 2.5-mm barrel jack, VSW-HDMI4X1-4K: Input: (4) HDMI female, Output: (1) HDMI female, Power: (1) 2.5-mm barrel jack, Control port: (1) RJ-11 RS-232
Indicators	VSW-HDMI2X1-4K: (2) LEDs for input status; VSW-HDMI4X1-4K: (4) LEDs for input status <i>NOTE: Only one input LED is lit at a time.</i>
Environmental	Temperature Tolerance: Operating: 32 to 104° F (0 to 40° C); Storage: -4 to +140° F (-20 to +60° C); Relative Humidity: 80% Altitude: 10,000 ft.
Power	Input voltage: 100 to 240 VAC, 50 to 60 Hz, 45 watts, Input connector: IEC320 C14. Output voltage: 9 VDC, 1.5 A via a 2.5-mm barrel plug center-positive desktop power supply
Dimensions	0.8"H x 6.1"W x 2.6"D (2 x 15.6 x 6.5 cm)
Weight	Product: 1.55 lb. (0.7 kg), Shipping: 2.09 lb. (0.8 kg)

A typical application of the 4 x 1 HDMI Switch 4K is shown below.



Serial control graphical user interface (GUI) (VSW-HDMI4X1-4K only)



2 x 1 or 4 x 1 HDMI Switch 4K Data Sheet

Disclaimer:

Black Box Network Services shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the production information or specifications set forth in this document and Black Box Network Services may revise this document at any time without notice.

About Black Box:

Black Box is a leading technology product solutions provider that helps customers build, manage, optimize, and secure their networks. The Black Box quality management system is ISO 9001:2008 certified, and the company has received numerous industry recognitions. Black Box provides its customers with free, 24/7 pre- and post-sales technical support. The Black Box catalog and Web site offer an extensive range of infrastructure products including Cabling, Cabinets & Racks, Data Center Cooling Solutions, Power & Surge Protection, and Environmental Monitoring.

© Copyright 2014. Black Box Corporation. All rights reserved. Black Box® and the Double Diamond logo are registered trademarks of BB Technologies, Inc. Any third-party trademarks appearing in this publication are acknowledged to be the property of their respective owners.