KV6222H

DUAL-MONITOR HDMI USB 3 KVM SWITCH

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM

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OVERVIEW

INTRODUCTION

The The KV6222H 2-Port Dual-Monitor HDMI 2.0 USB 3.0 (5 Gbps data transfer rates), Audio KVM Switch is designed specifically for sharing two 4K monitors between two multimedia computers with dual-monitor HDMI displays. It is the perfect integration solution for dual monitor HDMI enabled workstations.

With KV6222H, you can fully control two dual-monitor PCs using only one keyboard, mouse and two 4K monitors; essential for saving valuable desktop space.

This dual-monitor HDMI 2.0 KVM switch supports two monitors at 3840 x 2160/4K 60 Hz resolution for maximum convenience in adapting to your display requirements.

True Transparent USB Emulation Technology allows complete versatility in dealing with the advanced functional requirements of today's keyboards and mice. From gaming mice/keyboards to advanced business mice/keyboards, users will appreciate what this technology can do for them.

Share all your USB peripheral devices with ease using the separate built-in 2-port USB 3.0 hub (5 Gbps data transfer rates) between each connected computer. The USB hub automatically switches the connected USB peripheral to the selected computer saving you the cost of adding additional peripherals.

Independent audio switching lets users freeze audio while simultaneously working on a different system. With 3.5 mm stereo audio input for each channel, two-way audio support for speakers and microphone is available; perfect for sound design or editing applications.One model is available:

– 2-Port Dual-Monitor HDMI USB 3 KVM Switch (KV6222H)

FEATURES

- **2-PORT DUAL MONITOR HDMI 2.0 USB 3.0 KVM SWITCH WITH AUDIO AND MICROPHONE SWITCHING**
- **(2) ADDITIONAL USB 3.0 HUB PORTS (5 GBPS DATA TRANSFER RATES) FOR SHARING HIGH-SPEED USB DEVICES**
- **TRUE TRANSPARENT USB (TTU) EMULATION TECHNOLOGY FULL DRIVER SUPPORTS ADVANCED USB KEYBOARDS AND MICE**
- **USB 3.0/USB 2.0/USB 1.1 SPECIFICATION COMPLIANT (UP TO 5 GBPS DATA TRANSFER RATES)**
- **SUPPORT DIGITAL VIDEO RESOLUTION UP TO 3840 X 2160 @ 60 HZ (DUAL MONITORS)**
- **INDEPENDENT/SIMULTANEOUS PC/HUB/AUDIO AND MIC PORT SELECTION**
- **MULTI-PLATFORM SUPPORT FOR WINDOWS® XP/7/8/10, LINUX®, AND MAC® OS**
- **SWITCHING BY FRONT-PANEL PUSH BUTTONS AND KEYBOARD HOTKEYS**
- **TWO CHANNEL STEREO AUDIO**
- **LOW POWER CONSUMPTION**
- **FIRMWARE UPGRADABLE VIA USB PORT**
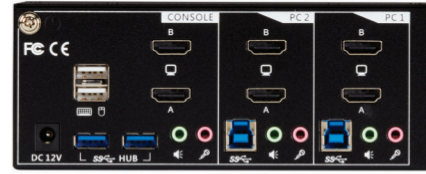- **TAA COMPLIANT**

PHOTOS/WHAT'S INCLUDED

DUAL-MONITOR HDMI USB 3 KVM SWITCH (KV6222H) DATA SHEET

FRONT VIEW

BACK VIEW

KV6222H

KV6222H

WHAT'S INCLUDED WITH THE KV6222H

- **(1) KV6222H SWITCH**
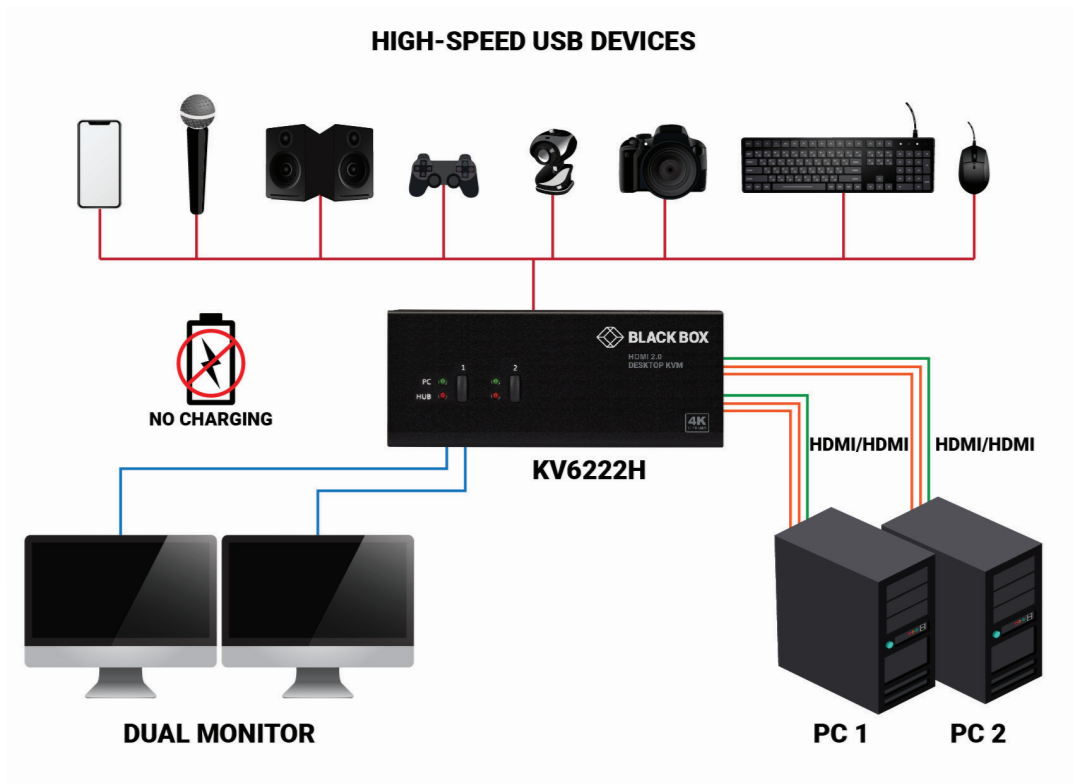- **(1) 12-VDC POWER ADAPTER**

SPECIFICATIONS

DUAL-MONITOR HDMI USB 3 KVM SWITCH (KV6222H) DATA SHEET

SPECIFICATIONS FOR DUAL-MONITOR HDMI USB 3 KVM SWITCH (KV6222H)	
SPECIFICATION	KV6222H
NUMBER OF PORTS	(2)
NUMBER OF CONSOLES	(2)
PC KEYBOARD/MOUSE CONNECTORS	(2) USB Type B female
PC VIDEO CONNECTORS	(4) HDMI 2.0 female
PC AUDIO/MIC	(4) 3.5-mm audio/mic Jack female
CONSOLE KEYBOARD CONNECTOR	(1) USB Type A female
CONSOLE MOUSE CONNECTOR	(1) USB Type A female
CONSOLE MONITOR CONNECTOR	(2) HDMI 2.0 female
USB HUB PORTS	(2) USB 3.0 Type A female (5 Gbps data transfer rates)
PC SELECTION	Pushbuttons/Hotkeys
BEEPER	Yes
PC PORT LEDS	2 (Green)
HUB PORT LEDS	2 (Red)
DIGITAL DISPLAY RESOLUTION	3840 x 2180 @ 60 Hz
KEYBOARD AND MOUSE EMULATION	Yes (TTU)
AUTOSCAN DELAY TIME	10 to 60 sec.
POWER ADAPTER	12 VDC, 3 A
WEIGHT	1.6 lb. (0.75 kg)
DIMENSIONS	2.6" H x 3.9" W x 6.4" D (6.6 x 10.0 x 16.3 cm)
SAFETY/EMISSIONS	FCC, CE

APPLICATION DIAGRAM

DUAL-MONITOR HDMI USB 3 KVM SWITCH (KV6222H) DATA SHEET

HIGH-SPEED USB DEVICES

NO CHARGING

BLACK BOX
HDMI 2.0
DESKTOP KVM
4K

KV6222H

HDMI/HDMI   HDMI/HDMI

DUAL MONITOR

PC 1   PC 2

ORDERING INFORMATION

ITEM	CODE
Dual-Monitor HDMI 2.0 USB 3 KVM Switch	
2-Port	**KV6222H**
Cables	
HDMI Video Cable	**EVHDMI01T-002M**
USB 3.0 Cable - Type A Male To Type B Male, Black, 6-ft. (1.8-m)	**USB30-0006-MM**
Stereo Audio Cable - 3.5-mm, Male/Male, 10-ft. (3.0-m)	**EJ110-0010**

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ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations.

Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

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