

TECHNICAL SPECIFICATION

| VIDEO | |
|-------------------------------|--|
| Link Rate | 5.4 Gbps/lane |
| Input Interface | (8) DisplayPort (female) Version 1.2 |
| Output Interface | (2) HDMI (female) Version 1.4 |
| Resolution | Up to 4K (3840x2160 @30Hz) |
| Input Equalization | Automatic |
| Video Bandwidth | 10.2 Gbps |
| HDCP Compliant | Yes |
| Input/Output Max Cable Length | 20 ft (depending on cable quality) |
| AUDIO | |
| Input Interface | (4) 3.5 mm Stereo Audio |
| Output Interface | (1) 3.5 mm Stereo Audio |
| Frequency Response | 20Hz ~ 20KHz |
| Common Mode | Rejection @ 60dB |
| Nominal Level | 0.0 to 1.0 V |
| USB | |
| Signal Type | USB 2.0, 1.1, and 1.0 w/ internal hub |
| Input Interface | (4) USB Type B |
| Output Interface | (2) USB 1.1 Type A for K/M (2) USB 2.0 Type A Transparent |
| CONTROL | |
| Front Panel | Buttons (SELECT audio/video source) |
| RS-232 | DB9 Female - 115200, N, 8, 1, No flow control |
| Hot Keys | Via Keyboard |
| Emulation | Keyboard, Video and Mouse |
| OTHER | |
| Power | External 100-240 VAC/ 5VDC2A |
| Dimensions | 2" H x 5.75" D x 12.75" W |
| Weight | 3.55 lbs |
| Approvals | UL, CE, ROHS Compliant |
| Operating Temp. | 32-131 °F (0-55 °C) |
| Storage Temp. | -4-185 °F (-20-85 °C) |
| Humidity | Up to 95% |

WHAT'S IN THE BOX

| PART NO. | Q-TY | DESCRIPTION |
|-------------------|------|---|
| D2H-4P-DUO-S | 1 | 4-Port Dual Head DisplayPort In and HDMI Out KVM Switch |
| PS5VD2A | 1 | PS5VD2A Power Supply |
| Quick Start Guide | 1 | |

NOTICE

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800.AVI.2131, 702.800.0005
2455 W Cheyenne Ave, Suite 112
North Las Vegas, NV 89032

SmartAVI.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

D2H-4P-DUO

4-Port Dual Head DisplayPort IN and HDMI Out KVM Switch



**DUAL HEAD 4K ULTRA-HD
DISPLAYPORT TO HDMI KVM
SWITCH WITH
USB 2.0 KEYBOARD-MOUSE
AND AUDIO SHARING**

Quick Start Guide

SYSTEM CONTROL

There are three ways to control the D2H-4P-DUO: Keyboard HotKeys, RS-232 Serial Commands, and Front Panel Buttons.

The settings for the serial connection are as follows:

Baud rate: **115200**; Data Bits: **8**; Parity: **None**; Stop Bits: **1**; Flow Control: **None**.

The following commands can be used:

| Command | HotKey | RS-232 |
|------------------------------------|--------------------------------|--------------------|
| All USB, audio, video | [CTRL] [CTRL] [port#] [ENTER] | //m[port#] [ENTER] |
| Audio Only | [CTRL] [CTRL] a[port#] [ENTER] | //a[port#] [ENTER] |
| KM Only | [CTRL] [CTRL] c[port#] [ENTER] | //c[port#] [ENTER] |
| USB Only | [CTRL] [CTRL] u[port#] [ENTER] | //u[port#] [ENTER] |
| Learn EDID | [CTRL] [CTRL] e [ENTER] | //e [ENTER] |
| Trigger Hotplug | [CTRL] [CTRL] h [ENTER] | //h [ENTER] |
| Reset Software | [CTRL] [CTRL] r | //r [ENTER] |
| Factory Defaults | [CTRL] [CTRL] f | //f [ENTER] |
| Same as front panel ◀ M1 button | [HK] [HK] ↑ | N/A |
| Same as front panel M2 ▶ button | [HK] [HK] ↓ | N/A |
| Get Port Status | N/A | //?? [ENTER] |

CUSTOM HOTKEY TRIGGERS

Users are able to customize the keys that trigger Hotkeys. The following keys are allowed:

CTRL (Left/ Right), ALT, SHIFT (Left/ Right), Caps Lock, Scroll Lock, F1-F12

Change HK Trigger

HK + HK + X + desired hotkey

View Current HK Trigger

Use the RS-232 command: //?? [ENTER]

Reset HK Trigger

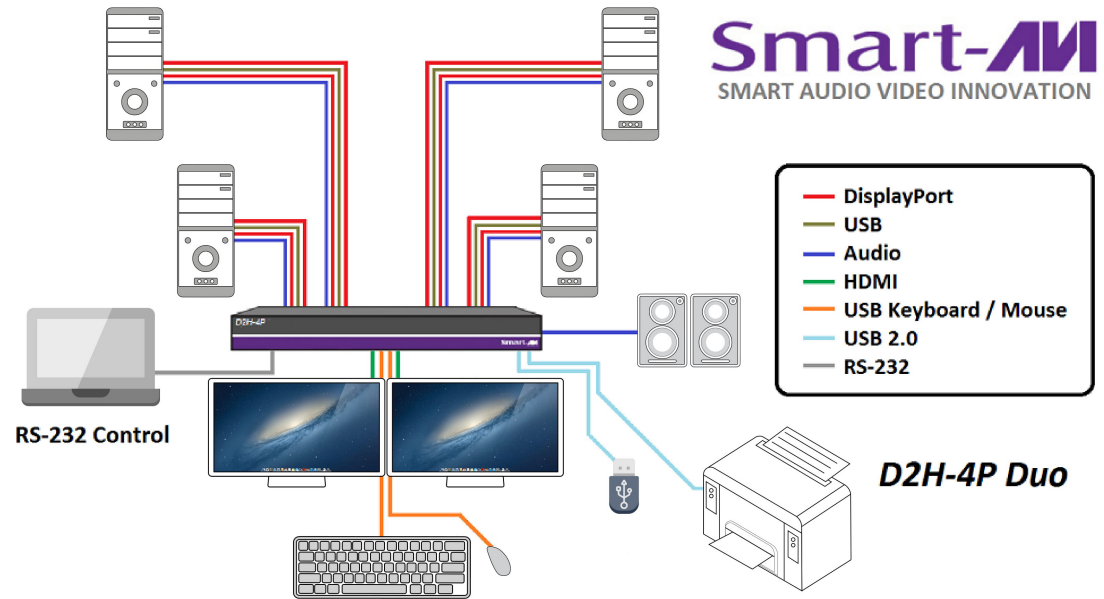
Run "Factory Defaults" command.

Default HotKey Trigger

CTRL (Left)

HARDWARE INSTALLATION

1. Ensure that power is disconnected from D2H-4P Duo.
2. Connect the DisplayPort cables, Audio and USB cables (male type-A to male type-B) from the computers to the respective ports on the D2H-4P Duo.
3. Optionally connect RS-232 for control functions.
4. Connect the USB keyboard and mouse to the two USB ports on the right .
Note: The 2 USB ports on the right are dedicated for keyboard and mouse with full emulation. The 2 on the left are for other USB peripherals (flash drives, printers, etc.)
5. Connect speakers to the out connector on the D2H-4P Duo.
6. Connect the HDMI Displays to the OUT connector on the D2H-4P Duo.
7. Power on the displays. Computers and other devices. Power on the D2H-4P Duo.



D2H-4P-DUO FRONT



D2H-4P-DUO BACK

