

# 2-Port Dual Monitor 4K DisplayPort USB KVM Switch with Built-In USB 3.2 Hub

UNIMUX™

## Control two dual-head Ultra-HD 4Kx2K 60Hz DisplayPort USB computers with one USB keyboard, USB mouse and two 4K monitors

- Supports Ultra-HD 4Kx2K resolutions to 3840x2160 @60Hz YCbCr 4:4:4, and HDTV resolutions to 1080p @144Hz.
- DisplayPort features supported:
  - DisplayPort 1.2
  - Dolby True HD, DTS HD Master, and stereo audio.
  - YCbCr 4:4:4, YCbCr 4:2:2, and RGB.
  - Up to 12-bit Color
  - Bandwidth up to 21.6 Gbps
- HDCP compliant.
- Compatible with dual-head USB computers (PC and MAC).
- Control the switch through the front panel button or keyboard commands.
  - Keyboard commands available on Windows computers only.
- Four transparent USB 3.2 ports for connecting USB devices such as keyboards, mice, printers, game controllers, USB flash drives, touch screen monitors, whiteboards, etc.
  - Supports SuperSpeed (5 Gbps), high-speed (480 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
  - Backwards compatible with USB 2.0/1.1.
- EDID pass-through supported.
- Quick and easy plug-and-play installation – no drivers required.
- Integrated mounting brackets for easy surface/wall mounting.

Note: When switching between computers, the screen layout will not be as you left it – all open windows will be pushed to the top left corner of the main display.



UNIMUX-DP4K-2DH (Front & Back)

- **Dual Head**
- **Resolutions to Ultra-HD 4Kx2K 60Hz 4:4:4**
- **21.6 Gbps**
- **DisplayPort 1.2, USB 3.2**

The UNIMUX™ Dual Monitor 4K DisplayPort USB KVM Switch with Built-In USB 3.2 Hub allows a user to control two dual-head Ultra-HD 4Kx2K 60Hz 4:4:4 USB computers with one USB keyboard, USB mouse and two 4K DisplayPort monitors.

## Specifications

### Hosts

- Four female DisplayPort connectors.
- Two Female USB 3.2 Type B connectors.
- Supports dual-head USB-enabled computers (PC and MAC) with DisplayPort video.
- Multiplatform support: Windows 7/8/8.1/10, Mac OS 9/10.
- Compliant with DisplayPort 1.2 and HDCP standards.

### Monitor

- Supports Ultra-HD 4Kx2K resolutions to 3840x2160 @60Hz YCbCr 4:4:4, and HDTV resolutions to 1080p @144Hz.
- Two female DisplayPort connectors.
- Compliant with DisplayPort 1.2 and HDCP standards.

### Devices

- Four transparent USB 3.2 ports for connecting USB devices such as keyboards, mice, printers, game controllers, USB flash drives, touch screen monitors, whiteboards, etc.
  - Supports SuperSpeed (5 Gbps), high-speed (480 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
  - Backwards compatible with USB 2.0/1.1.

### Power

- Input: 110 or 220 VAC at 50 or 60 Hz via AC adapter (included).
- Output: 5VDC, 4A
- Power consumption: 6.5W
- Each USB output port supports full 900mA current.

### Dimensions

- WxDxH: 8.27x2.36x1.4 in (210x60x35.6 mm)

### Cables

- Interface cables between the computers and the switch are required for proper operation.
- Use DP-xx-MM cable to connect a DisplayPort source or display up to 15 feet.
- Use DP8K-FO-xxM-MMLC or DP4K21GB-FO-xxM-MM to connect a DisplayPort source or display up to 100 meters.
- Use DP-HD-xx-MM to connect an HDMI display up to 15 feet.
  - Not compatible with MAC.
- Use DP-DVI-xx-MM to connect a DVI display up to 15 feet.
  - Not compatible with MAC.
- Use DP-VGA-xx-MM to connect a VGA display up to 15 feet.
  - Not compatible with MAC.
- Use USB3-AB-xx-K to connect a USB 3.0 computer to the switch.
- Cables not included.

### Environmental

- Operating temperature: 32 to 158°F (0 to 70°C).

### Regulatory Approval

- CE, FCC, RoHS
- TAA compliant

### Warranty

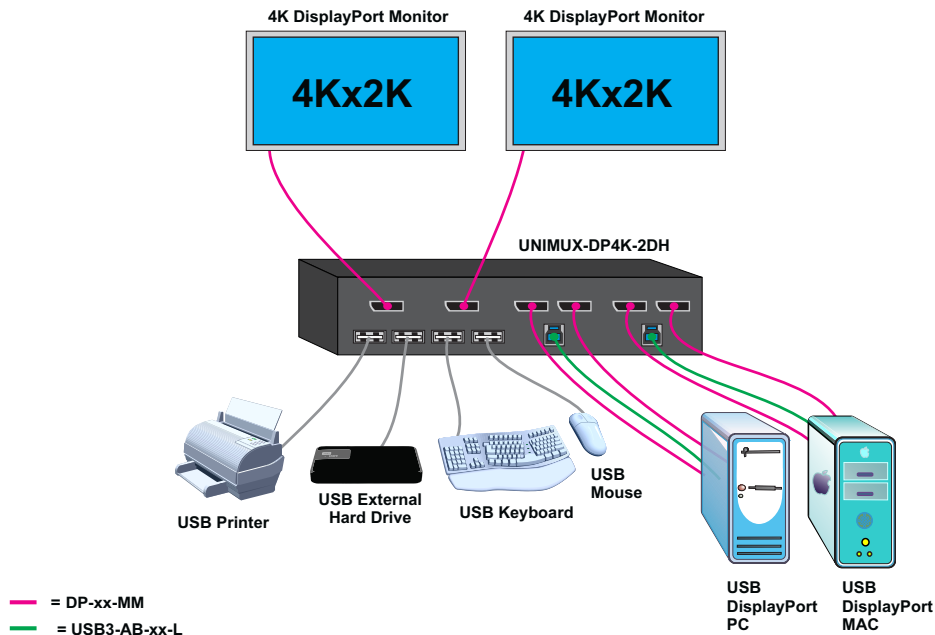
- Two years

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## Configuration and Cable Illustration



## Control Methods

### Front Panel Interface

- Press the button on the front panel interface to switch between ports.
- LEDs indicate currently selected port.

### Keyboard

- Use the keyboard commands the switch to select ports.
  - Double press “Scroll Lock” or “Num Lock” to switch between ports.
  - Supported on Windows computers only.