

**TESmart**

# RENOVATE YOUR HYBRID LIFE

Find and Forge



**2025**  
New Releases

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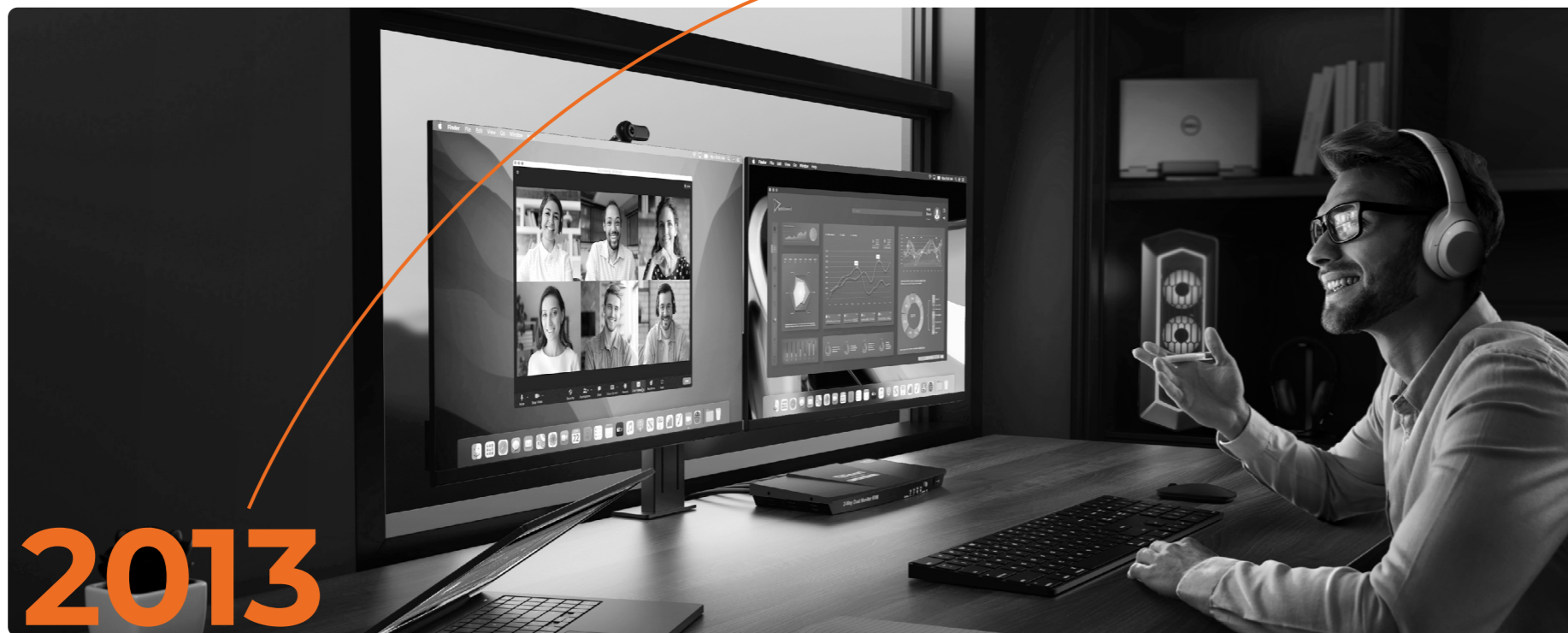
Renovate your hybrid life.

# 01

Join us on this journey as we continue to make technology simpler and smarter, one switch at a time.

## About us

2024

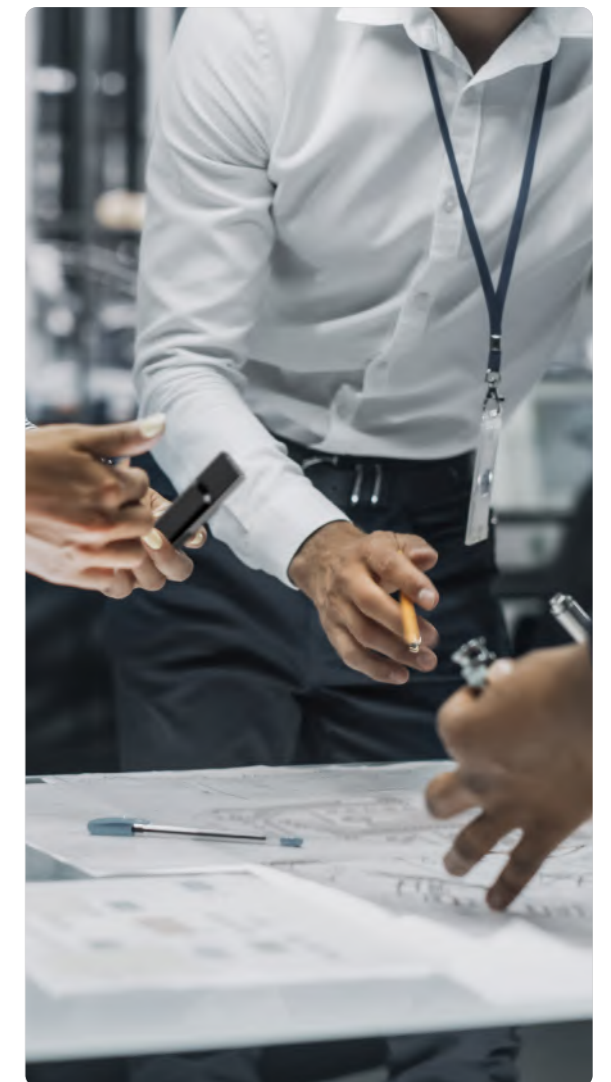
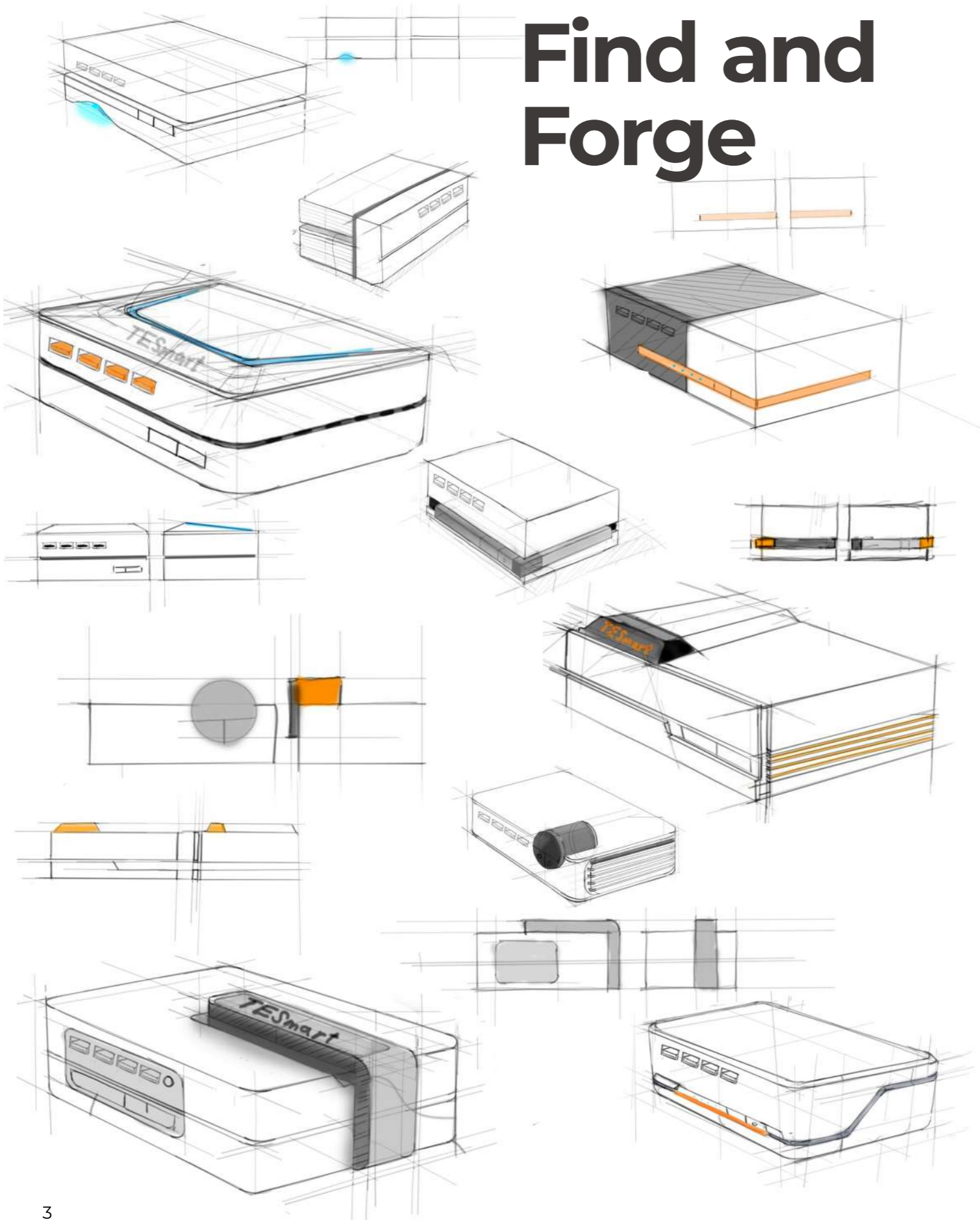


2013

In 2013, TESmart was founded by two Shenzhen engineers driven by a vision - to create empowering technology that makes life easier. Their first innovation, the KVM switch, embodied this ethos of streamlining work and leisure with simplicity and efficiency.

Today, TESmart has evolved into a globally trusted partner for over 5 million users. We help navigate hybrid lifestyles with products designed to remove complexity and improve experiences. Our mission remains to revolutionize and elevate how people live and work.

# Find and Forge



Innovation isn't just a buzzword for us; it's our blueprint. Every TESmart product embodies more than two decades of engineering prowess, pushing the boundaries of what's possible.

# Local Touch

Canada

US

Germany

China

Japan

Australia

At TESmart, we're proud to serve over 5 million users across the globe. We understand that each market is unique, which is why we're committed to localizing our services. From hassle-free delivery to hands-on support, and from extended warranties to customized member services, our goal is to meet your specific needs. But we didn't stop there.

We've expanded our offerings beyond KVM solutions to further enrich your hybrid life. With established global customer experience centers in the US, Germany, and Japan, we bring smart, personalized solutions right to your doorstep, no matter where you are. Remember this: TESmart is always here to make your hybrid lifestyle smarter and more seamless.



Free Delivery:  
US, EU, Japan



30-Day Free Returns:  
US, EU, Japan



24/7  
Support



Local Team  
On-site Service

# 02

## Product Categories



### 1. KVM Switch

2 PCs & 3 Monitor



11-12

4 PCs & 3 Monitor



25-28

4 PCs & 4 Monitor



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2 PCs & 2 Monitor



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4 PCs & 2 Monitor



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8 PCs & 1 Monitor



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2 PCs & 1 Monitor



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4 PCs & 1 Monitor



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16 PCs & 1 Monitor



39-40

### 2. Matrix

41-44

### 3. KVM Extender

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# KVM Switch

The KVM allows users to control multiple computers using a single set of peripheral devices, namely a keyboard, video display device(s), and mouse. KVM is commonly used in home offices and gameplay. This simplifies management and reduces clutter, providing an efficient solution for users who need to operate multiple systems without the need for separate peripherals for each.



You can control our KVM with front-panel buttons, IR remote control, and keyboard hotkeys. Supports super-speed USB, you can even connect a USB hub, USB drive, printer, barcode scanner, or other USB device to the KVM. An EDID emulator for each input port ensures that the computer always has the correct display information, preventing display settings from changing when switching input ports.

# HKS203-P24

2x3 HDMI KVM Switch USB 3.0 dock station Kit 4K@60Hz 4:4:4



4K@60Hz

HDMI

Gigabit

RGB Lighting

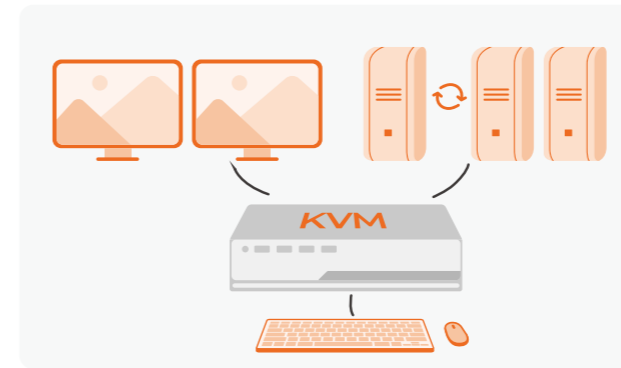
EDID

USB 3.0



## Features

- Support resolution up to 3840x2160@60Hz 4:4:4.
- HDMI 2.0 and HDCP 2.2 compliant.
- Support Gigabit wired network connection.
- Keyboard and mouse support passthrough mode and legacy emulation mode, significantly improving compatibility for keyboards and mice.
- Built-in RGB lighting effects, you can switch different lighting effects using hotkeys for a personalized experience.



Model Number	Input	Output	Main Specifications	Key Features
<b>HKS203-P24</b>	2*(HDMI+HDMI+HDMI+USB-B)	3*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 3.0*2	① EDID Emulator ② RGB Lighting ③ Gigabit
<b>DKS203-M24</b>	2*(DP+DP+DP+USB-B)	3*DP	① 8K ② DP 1.4 ③ HDCP 2.3 ④ USB 3.0*2	① EDID Emulator ② RGB Lighting ③ Gigabit ④ FEC ⑤ HDR ⑥ DSC ⑦ FreeSync ⑧ G-SYNC
<b>HDC203-P24</b>	1*(HDMI+DP+DP+USB-B) 1*(USB-C)	3*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 3.0*4	① EDID Emulator ② MST ③ Gigabit ④ 60W



# HDK202-M24

2x2 HDMI+DP KVM Switch USB 3.0  
Dock Station Kit 8K@60Hz 4:4:4



8K

HDMI

HDCP 2.3

Gigabit

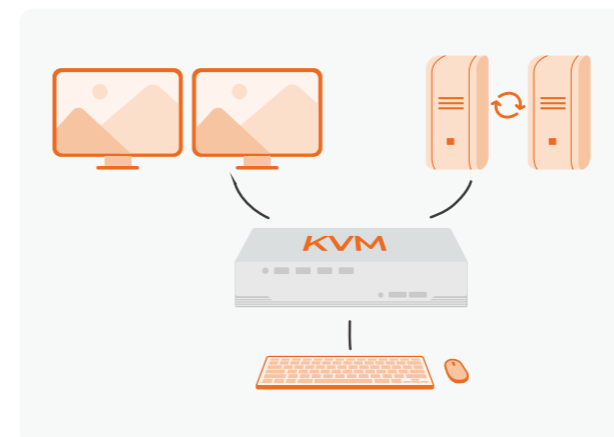
RGB Lighting

EDID



## Features

- Supports resolutions up to 8K (4320p)@60Hz 4:4:4 and is backward compatible with 4K (2160p)@60Hz/120Hz/144Hz.
- HDMI 2.1 compliant, with 48Gbps ultra high-speed bandwidth, supporting VRR, FVA, and ALLM.
- HDCP 2.3 compliant.
- Support HDR 10 and Dolby Vision.
- USB 3.2 Gen 1 ports for super-speed data transfer.
- Support both passthrough mode and legacy emulation mode for keyboard and mouse control, significantly enhancing its compatibility.



# DKS202-M24

2x2 DP 1.4 KVM Switch USB 3.0  
Dock Station Kit 8K@60Hz 4:4:4

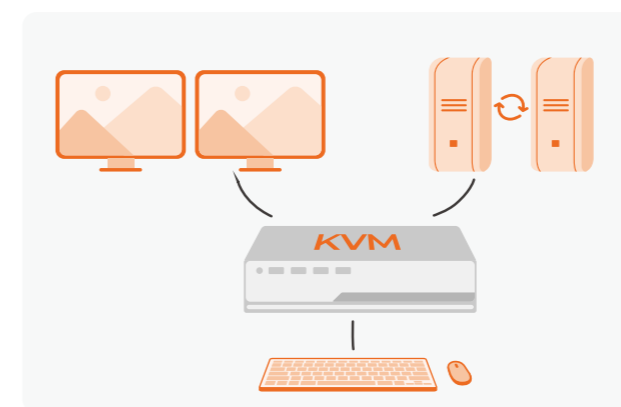


8K

DP 1.4



EDID



## Features

- Support resolution up to 8K(4320p)@60Hz and is backward compatible with 4K(2160p)@60Hz/120Hz/144Hz.
- Support USB 3.2 Gen 1 with super-speed data transfer rate.
- DisplayPort 1.4 compliant.
- With EDID emulators in each input port, it can keep PCs always having correct display information.
- Keyboard and mouse support passthrough mode and legacy emulation mode, significantly improving compatibility for keyboards and mice.

# HDC202-X24

2x2 HDMI+DP+Thunderbolt KVM Switch USB  
3.1 dock station Kit 4K@60Hz 4:4:4



4K@60Hz

HDMI

RGB Lighting

60W

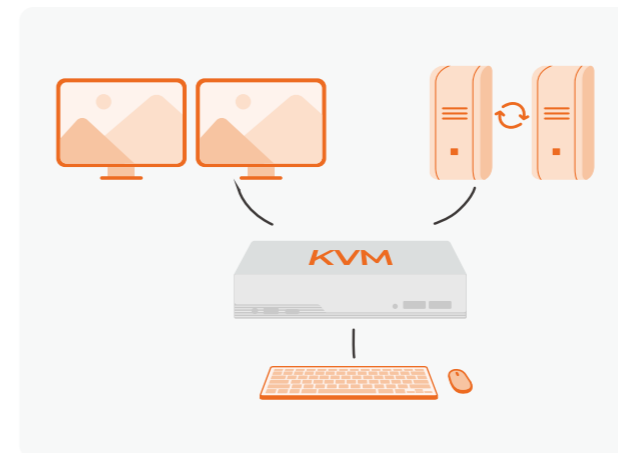
Gigabit

MST



## Features

- Support resolution up to 3840x2160@60Hz 4:4:4.
- The USB-C port on PC1 integrates PCI Express data transfer technology and DisplayPort display technology, and it can provide up to 60W of charging power to devices connected to PC1.
- Support Gigabit wired network connection.
- Support USB 3.2 Gen 2 with up to 10Gbps data transfer rate.
- Keyboard and mouse support passthrough mode and legacy emulation mode, significantly improving compatibility for keyboards and mice.



# CKS202-P23

2x2 USB-C KVM Switch USB 3.0 Dock Station Kit 4K@60Hz 4:4:4



4K@60Hz

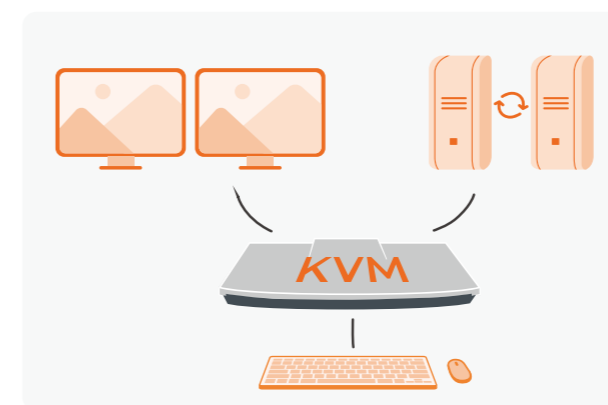
EDID



HDCP 2.2



MST



## Features

- Support resolution up to 3840x2160@60Hz 4:4:4.
- Support MST(Multi-Stream Transport) mode.
- Support wired network connection, 2 PCs connected to KVM can access to the network with only one network cable.
- Support USB 3.0 port with super-speed data transfer rate.
- Support charging the devices connected to corresponding group.
- Support connecting mobile device to the front panel USB port to charge.
- Support charging the devices connected to the ports marked 'InputA'

# KVM Switch

KVM For 2 PCs & 2 Monitors



Model Number	Input	Output	Main Specifications	Key Features
<b>HDC202-X24</b>	1*(HDMI+DP+USB-B) +1*(Thunderbolt 4 +Thunderbolt 4)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 3.0*2	① EDID Emulator ② Thunderbolt ③ USB3.2*2(10Gbps) ④ Gigabit ⑤ 60W ⑥ MST
<b>HDC202-P23</b>	1*(HDMI+DP+USB-B) +1*(USB-C+USB-C)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 3.0*3	① EDID Emulator ② Gigabit ③ 60W ④ MST
<b>HDK202-M24</b>	2*(DP+HDMI+ USB-B)	2*HDMI	① 8K ② HDMI 2.1 ③ HDCP 2.3 ④ USB 3.0*2 ⑤ DSC 1.2a	① EDID Emulator ② Gigabit ③ FreeSync G-SYNC
<b>HKS202-M24</b>	2*(HDMI+HDMI+ USB-B)	2*HDMI	① 8K ② HDMI 2.1 ③ HDCP 2.3 ④ USB 3.0*2 ⑤ DSC 1.2a	④ RGB Lighting ⑤ HDR DSC

# KVM Switch

KVM For 2 PCs & 2 Monitors

Model Number	Input	Output	Main Specifications	Key Features
<b>DKS202-M24</b>	2*(DP+DP+USB-B)	2*DP	① 8K ② DP 1.4 ③ HDCP 2.3 ④ USB 3.0*2	① EDID Emulator ② Gigabit ③ FreeSync G-SYNC ④ RGB Lighting ⑤ FEC HDR DSC
<b>HKS202-E23</b>	2*(HDMI+HDMI+USB-B)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 2.0*1	① EDID Emulator ② Headphones
<b>HKS202-EP23</b>	2*(HDMI+HDMI+USB-B)	2*HDMI	① 4K30Hz ② HDMI 1.4 ③ HDCP 1.4 ④ USB 2.0*2	① EDID Emulator ② Headset ③ Custom Hotkeys ④ Three Display Modes
<b>HKS202-P23</b>	2*(HDMI+HDMI+USB-B)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 3.0*2	① EDID Emulator ② Headset ③ Charging through front panel
<b>HDK202-E23</b>	2*(DP+HDMI+USB-B)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ DP 1.2 ④ HDCP 2.2 ⑤ USB 2.0*1	① EDID Emulator ② Headphones
<b>HDK202-P23</b>	2*(DP+HDMI+USB-B)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ DP 1.2 ④ HDCP 2.2 ⑤ USB 3.0*2	① EDID Emulator ② Headset ③ Charging through front panel
<b>HKV202-E23</b>	2*(VGA+HDMI+USB-B)	2*HDMI	① 4K60Hz(HDMI) ② 1080P60Hz(VGA) ③ VGA ④ HDMI 2.0 ⑤ HDCP 2.2 ⑥ USB 2.0	① EDID Emulator ② Headphones ③ One Display Modes
<b>CKS202-P23</b>	2*(USB-C+USB-C)	2*HDMI	① 4K60Hz ② USB-C (DP Alt Mode) ③ HDCP 2.2 ④ USB 3.0*3	① EDID Emulator ② Headset ③ Charging through front panel ④ MST ⑤ Charging functionality of input A ⑥ Wired network connection

# CKS201-M23

2x1 USB-C KVM Switch USB Hub Kit  
8K@60Hz 4:4:4



8K

EDID

USB 3.0

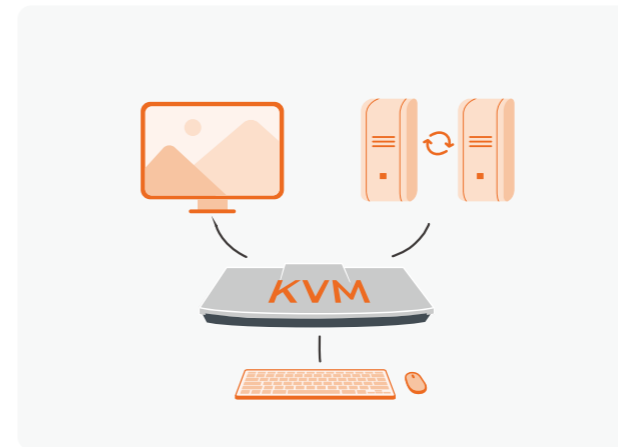


HDR10+



### Features

- Support resolution up to 8K(4320p)@60Hz and is backward compatible with 4K(2160p)@60Hz/120Hz/144Hz.
- DP 1.4 compliant, and also support DisplayPort Alternate Mode (DP Alt Mode).
- Support wired network connection.
- Keyboard and mouse support passthrough mode and legacy emulation mode, significantly improving compatibility for keyboards and mice.
- Support charging the USB-C devices connected to each input ports.



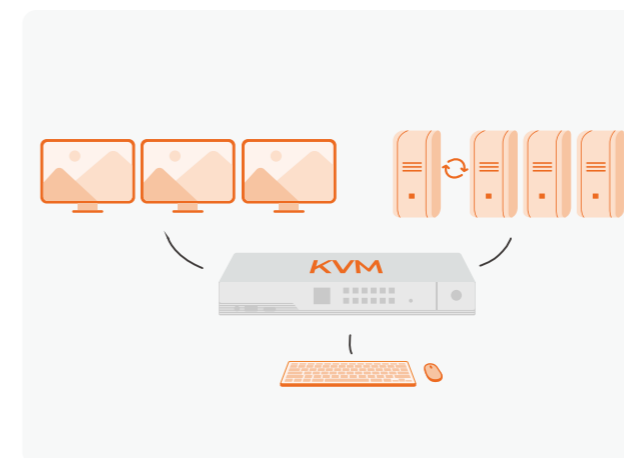
Model Number	Input	Output	Main Specifications	Key Features
<b>CKS201-M23</b>	2*(USB-C)	1*HDMI	<ol style="list-style-type: none"> <li>8K</li> <li>DP1.4</li> <li>USB 3.0*4</li> </ol>	<ol style="list-style-type: none"> <li>EDID Emulator</li> <li>Gigabit</li> <li>FreeSync G-SYNC</li> <li>60W</li> </ol>
<b>HKS201-E23</b>	2*(HDMI+USB-B)	1*HDMI	<ol style="list-style-type: none"> <li>4K60Hz</li> <li>HDMI 2.0</li> <li>HDCP 2.2</li> <li>USB 2.0*1</li> </ol>	<ol style="list-style-type: none"> <li>EDID Emulator</li> <li>Headphones</li> </ol>
<b>HKS201-P23</b>	2*(HDMI+USB-B)	1*HDMI	<ol style="list-style-type: none"> <li>4K60Hz</li> <li>HDMI 2.0</li> <li>HDCP 2.2</li> <li>USB 3.0*2</li> </ol>	<ol style="list-style-type: none"> <li>EDID Emulator</li> <li>Headset</li> <li>Charging through front panel</li> </ol>
<b>DKS201-E23</b>	2*(DP+USB-B)	1*DP	<ol style="list-style-type: none"> <li>4K60Hz</li> <li>DP 1.2</li> <li>HDCP 2.2</li> <li>USB 2.0*1</li> </ol>	<ol style="list-style-type: none"> <li>Mouse gesture</li> </ol>

# HDK403-M24

4x3 HDMI+DP KVM Switch USB 3.0 dock station Kit 8K@60Hz 4:4:4



- 8K
- EDID
- 
- HDCP 2.3
- 
- USB 3.0



### Features

- Supports resolutions up to 8K (4320p)@60Hz 4:4:4 and is backward compatible with 4K (2160p)@60Hz/120Hz/144Hz.
- HDMI 2.1 compliant, with 48Gbps ultra high-speed bandwidth, supporting VRR, FVA, and ALLM.
- USB 3.2 Gen 1 ports for super-speed data transfer.
- Support both passthrough mode and legacy emulation.
- mode for keyboard and mouse control, significantly enhancing its compatibility.
- Support IR signals, front panel button, mouse wheel and keyboardhot keys to control the KVM to switch input ports.

# HDC403-P23

4x3 HDMI+DP+USB-C KVM Switch USB 3.0  
Dock Station Kit 4K@60Hz 4:4:4

## KVM Switch

KVM For 4 PCs & 3 Monitors

### Features

- Support resolution up to 3840x2160@60Hz 4:4:4
- Support MST(Multi-Stream Transport) technology
- Integrated microphone and L/R audio output port
- Support USB 3.0 ports with super-speed data transfer rate
- Support wired network connection, 4 PCs connected to KVM can access to the network with only one network cable
- Support charging the USB-C devices connected to input 1 port
- Support connecting mobile device to the front panel USB ports to charge



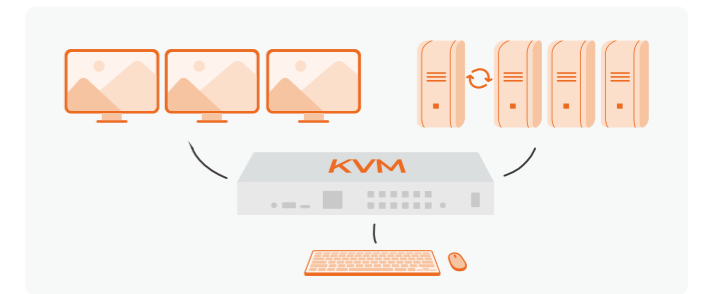
4K@60Hz

EDID

HDMI

HDCP 2.2

MST



Model Number	Input	Output	Main Specifications	Key Features
<b>HDK403-M24</b>	2*(HDMI+DP+DP+USB-B)	3*HDMI	① 8K60Hz    ② HDMI 2.1 ③ HDCP 2.3    ④ USB 3.0*4	① EDID Emulator ② Gigabit ③ FreeSync G-SYNC
<b>HKS403-P23</b>	4*(HDMI+HDMI+HDMI+USB-B)	3*HDMI	① 4K60Hz    ② HDMI 2.0 ③ HDCP 2.2    ④ USB 3.0*3	① EDID Emulator ② Headset ③ Charging through front panel ④ Wired network connection
<b>HDC403-P23</b>	2*(HDMI+HDMI+HDMI+USB-B)+1*(DP+USB-B)+1*USB-C	3*HDMI	① 4K60Hz    ② DP 1.4 ③ HDMI 2.0    ④ HDCP 2.2 ⑤ USB-C(DP Alt Mode) ⑥ USB 3.0*4	① EDID Emulator ② Headset ③ Charging through front panel ④ MST ⑤ Charging functionality of Input 1 ⑥ Wired network connection



# HDK402-M24

4x2 HDMI+DP KVM Switch USB 3.0 Dock Station Kit 8K@60Hz 4:4:4



8K

EDID

HDMI  
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDCP 2.3

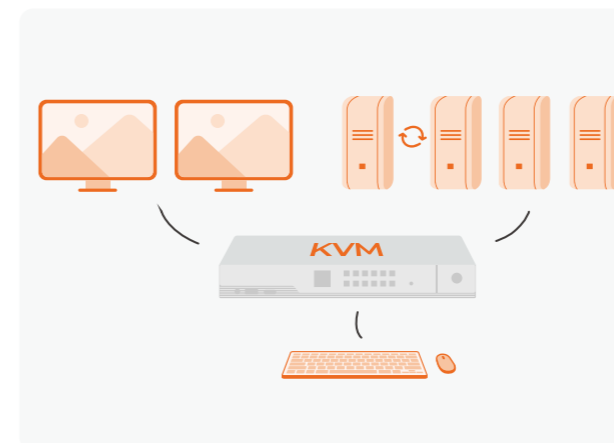
Gigabit

USB 3.0



## Features

- Supports resolutions up to 8K (4320p)@60Hz 4:4:4 and is backward compatible with 4K (2160p)@60Hz/120Hz/144Hz.
- HDMI 2.1 compliant, with 48Gbps ultra high-speed bandwidth, supporting VRR, FVA, and ALLM.
- USB 3.2 Gen 1 ports for super-speed data transfer.
- Support both passthrough mode and legacy emulation mode for keyboard and mouse control, significantly enhancing its compatibility.
- Support IR signals, front panel button, mouse wheel and keyboard hot keys to control the KVM to switch input ports.





Model Number	Input	Output	Main Specifications	Key Features
<b>HKS402-L23</b>	2*(HDMI+DP+USB-B)	2*HDMI	① 8K60Hz ② HDMI 2.1 ③ HDCP 2.3 ④ USB 3.0*4	① EDID Emulator ② Gigabit ③ FreeSync G-SYNC
<b>HKS402-L23</b>	4*(HDMI+HDMI+USB-B)	2*HDMI	① 4K30Hz ② HDMI 1.4 ③ HDCP 1.4 ④ USB 2.0*3	① EDID Emulator ② Headphones
<b>HKS402-E23</b>	4*(HDMI+HDMI+USB-B)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 2.0*3	① EDID Emulator ② Headphones ③ DCCI ④ RS232 control
<b>HKS402-P23</b>	4*(HDMI+HDMI+USB-B)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 3.0*4	① EDID Emulator ② Headset ③ Charging through front panel

Model Number	Input	Output	Main Specifications	Key Features
<b>DKS402-E23</b>	4*(DP+DP+USB-B)	2*DP	① 4K60Hz ② DP 1.2 ③ HDCP 2.2 ④ USB 2.0*3	① EDID Emulator ② Headphones ③ DCCI ④ RS232 control
<b>DKS402-P23</b>	4*(DP+DP+USB-B)	2*DP	① 8K ② DP 1.4 ③ HDCP 2.2 ④ USB 3.0*4	① EDID Emulator ② Headset ③ Charging through front panel
<b>HCK402-P23</b>	2*(HDMI+HDMI+USB-B)+ 2*(USB-C+USB-C)	2*HDMI	① 4K60Hz ② HDMI 2.0 ③ USB-C(DP Alt Mode) ④ HDCP 2.2 ⑤ USB 3.0*4	① EDID Emulator ② Headset ③ Charging through front panel ④ MST ⑤ charging functionality of USB-C port ('A') ⑥ Wired network connection

# HKS401-M23

4x1 HDMI 2.1 KVM Switch USB 3.0 Dock  
Station Kit 8K@60Hz 4:4:4

## KVM Switch

KVM For 4 PCs & 1 Monitors

### Features

- HDMI 2.1 compliant, has 48Gbps ultra-high speed bandwidth support resolution up to 8K(4320p)@60Hz and is backward compatible with 4K(2160p)@60Hz/120Hz/144Hz.
- HDCP 2.3 compliant.
- Support HDR 10 and Dolby Vision.
- With EDID emulators in each input port, the accuracy of the display information of PCs will be maintained.
- Support USB 3.2 Gen 1 with superspeed data transfer rate.
- Support keyboard and mouse Pass Through mode and Legacy Emulation mode to improve KM compatibility.



8K

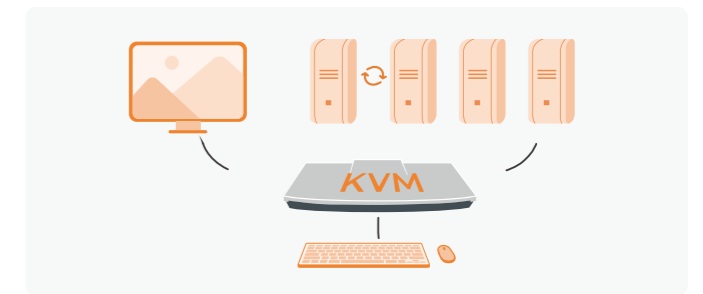
EDID

HDMI

HDCP 2.3

48Gbps

USB 3.0



Model Number	Input	Output	Main Specifications	Key Features
<b>HKS401-L23</b>	4*(HDMI+USB-B)	1*HDMI	① 4K30Hz ② HDMI 1.4 ③ HDCP 1.4 ④ USB 2.0*1	① EDID Emulator ② Headphones
<b>HKS401-E23</b>	4*(HDMI+USB-B)	1*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 2.0*1	① EDID Emulator ② Headphones ③ Wall plate type
<b>HKS401-EB23</b>	4*(HDMI+USB-B)	1*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 2.0*1	① EDID Emulator ② Headphones ③ Wall plate type
<b>HKS401-P23</b>	4*(HDMI+USB-B)	1*HDMI	① 4K60Hz ② HDMI 2.0 ③ HDCP 2.2 ④ USB 3.0*2	① EDID Emulator ② Headset ③ Charging through front panel
<b>HKS401-M23</b>	4*(HDMI+USB-B)	1*HDMI	① 8K ② HDMI 2.1 ③ HDCP 2.3 ④ USB 3.0*2	① EDID Emulator ② Headset ③ Charging through front panel
<b>DKS401-E23</b>	4*(DP+USB-B)	1*DP	① 4K60Hz ② DP 1.2 ③ HDCP 2.2 ④ USB 2.0*1	① EDID Emulator (Manually turn on/off)

# HDK404-P23

4x4 HDMI+DP KVM Switch USB 3.0 Dock Station Kit 4K@60Hz 4:4:4

## KVM Switch

KVM For 4 PCs & 4 Monitors

### Features

- Support resolution up to 3840x2160@60Hz 4:4:4.
- Support MST(Multi-Stream Transport) technology, allowing video signals output to triple screen display through a single DisplayPort connection.
- Integrated microphone and L/R audio output port.
- Support USB 3.0 ports with super-speed data transfer rate.
- Support connecting mobile devices to the front panel USB ports to charge.



4K@60Hz

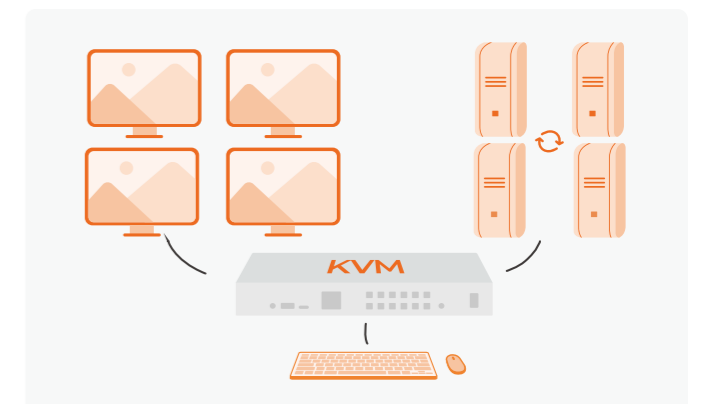
HDMI

HDCP2.2

MST

USB 3.0

Network



# HKS801-P23

8x1 HDMI 2.0 KVM Switch USB 3.0 Dock  
Station Kit 4K@60Hz 4:4:4

## KVM Switch

KVM For 8 PCs & 1 Monitors

### Features

- Support resolution up to 3840x2160@60Hz.
- With EDID emulators in each input ports, keep PCs always have correct display information.
- USB 3.2 Gen 1 ports for super-speed data transfer.
- Support auto detect mode.
- Support auto scan mode.
- Easy to control KVM via IR receiver, front panel key, keyboard hot keys and RS232 port.



4K@60Hz

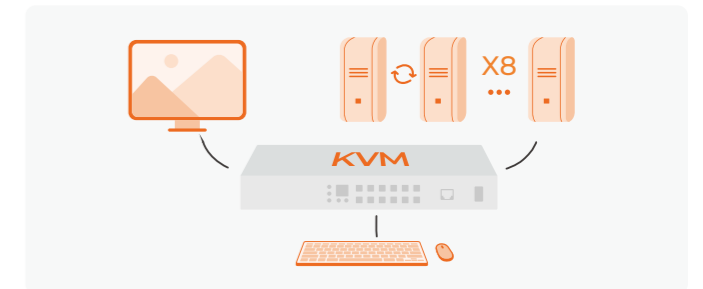
EDID

HDMI

HDCP 2.2

USB 3.0

RS232



Model Number	Input	Output	Main Specifications	Key Features
<b>HKS801-P23</b>	8*(HDMI+USB-B)	1*HDMI	① 4K60Hz    ② HDMI 2.0 ③ HDCP 2.2    ④ USB 3.0*2	
<b>HKS801-L23</b>	8*(HDMI+USB-B)	1*HDMI	① 4K30Hz    ② HDMI 1.4 ③ HDCP 1.4    ④ USB 2.0*2	① EDID Emulator ② RS232 control ③ LAN control
<b>HKS801-E23</b>	8*(HDMI+USB-B)	1*HDMI	① 4K60Hz    ② HDMI 2.0 ③ HDCP 2.2    ④ USB 2.0*2	

# HKS1601-EB23

16x1 HDMI 2.0 KVM Switch USB Hub Kit  
4K@60Hz 4:4:4

## KVM Switch

KVM For 16 PCs & 1 Monitors

### Features

- Support resolution up to 3840x2160@60Hz.
- With EDID emulators in each input ports, keep PCs always have correct display information.
- Support auto detect mode.
- Support auto scan mode.
- Easy to control KVM via IR receiver, front panel key, keyboard hot keys and RS232 port.



4K@60Hz

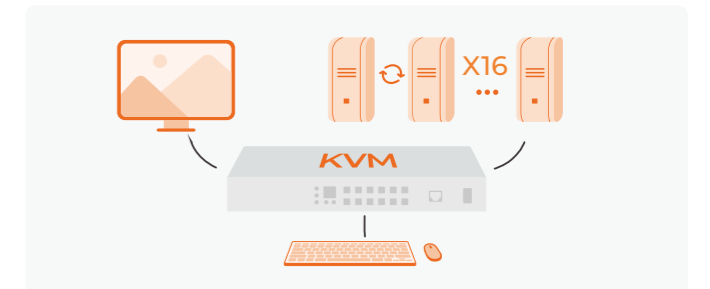
EDID

HDMI

HDCP 2.2

LAN

RS232



Model Number	Input	Output	Main Specifications	Key Features
<b>HKS1601-EB23</b>	16*(HDMI+USB-B)	1*HDMI	① 4K60Hz    ② HDMI 2.0 ③ HDCP 2.2    ④ USB 2.0*2	
<b>HKS1601-L23</b>	16*(HDMI+USB-B)	1*HDMI	① 4K30Hz    ② HDMI 1.4 ③ HDCP 1.4    ④ USB 2.0*2	① EDID Emulator ② RS232 control ③ LAN control
<b>HKS1601-E23</b>	16*(HDMI+USB-B)	1*HDMI	① 4K60Hz    ② HDMI 2.0 ③ HDCP 2.2    ④ USB 2.0*2	



# Matrix

Video matrix is a kind of device that allows the routing and distribution of video signals among multiple sources and displays. It is commonly used in audiovisual setups, surveillance systems, or any environment where there's a need to

manage and distribute video signals efficiently such as conference room, broadcasting and television, studio. It can greatly streamline your management of audio and video devices and provide a versatile solution for diverse applications.



# HMA808-ES23

8x8 HDMI Matrix 1080P@60Hz 4:4:4



Seamless

HDMI

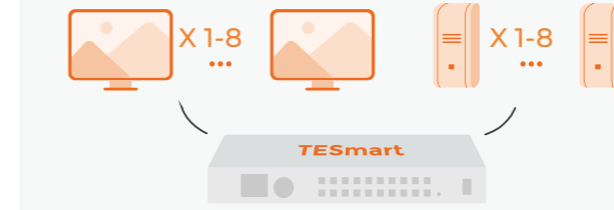
HDCP 1.4

Quad-view

RS232

LAN

## Features



- Support resolution up to 1920x1080@60Hz.
- Support seamless switching on full screen mode.
- Support Quad-view display mode.
- Supports 4 separate audio ports, allowing for customizable output audio channels.
- The LCD on the front panel supports real-time viewing of the screen on each port.
- Support custom naming for each port.
- Support one-key querying of the current routing status.

Model Number	Input	Output	Main Specifications	Key Features
HMA404-E23	4*HDMI	4*HDMI	1 4K60Hz 2 HDMI 2.0 3 HDCP 2.2	1 Smart EDID 2 4*L/R Audio out 3 RS232 control 4 LAN control
HMA404-L23	4*HDMI	4*HDMI	1 4K30Hz 2 HDMI 1.4 3 HDCP 1.4	1 Smart EDID 2 RS232 control 3 Multi-view
HMA808-L23	8*HDMI	8*HDMI	1 4K30Hz 2 HDMI 1.4 3 HDCP 1.4	1 Smart EDID 2 RS232 control 3 LAN control
HMA1616-L23	16*HDMI	16*HDMI	1 4K30Hz 2 HDMI 1.4 3 HDCP 1.4	
HMA808-E23	8*HDMI	8*HDMI	1 4K60Hz 2 HDMI 2.0 3 HDCP 2.2	1 Smart EDID 2 8*L/R Audio out 3 RS232 control 4 LAN control
HMA404-ES23	4*HDMI	4*HDMI	1 1080P60Hz 2 HDMI 1.4 3 HDCP 1.4	1 Smart EDID 2 4*L/R Audio out 3 RS232 control 4 LAN control 5 Seamless
HMA808-ES23	8*HDMI	8*HDMI	1 1080P60Hz 2 HDMI 1.4 3 HDCP 1.4	1 Smart EDID 2 4*Headphones 3 RS232 control 4 LAN control 5 Seamless 6 real-time viewing



# KVM Extender

KVM Extender is designed for transmitting video signals with remote keyboard and mouse control, using CAT5e/6 UTP/FTP cables instead of video cables for longer transmission distances.

KVM extender is particularly useful in scenarios like remote DVR for security systems, servers in data centre and monitoring rooms.



## 120M HDMI KVM Many to Many Over IP Extender w/IR

HKE120-EH23



- Use single UTP/FTP cable (CAT5e/6, should follow EIA/TIA 568B standard) to substitute HDMI cable to extend longer transmission distance
- Support 1920x1080@60Hz resolution transmission via UTP/FTP cable up to 120 meters
- Support IR pass through
- By transmitting keyboard and mouse data via UTP/FTP cable, it is easy to control PC remotely

## 300M VGA KVM Extender

VKE300-E23



- Resolution up to 1920\*1200@60Hz over CAT5e/6 UTP/FTP cable up to 300 meters
- With smart brightness and contrast adjustment
- Easy to adjust 0-15 gain levels to match 0-300 meters UTP cable
- Smart gain control, effective for common mode noise suppression, keep high fidelity picture quality even by 300 meters transmission



# TESmart

## China

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